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ENG

# Installation Guide

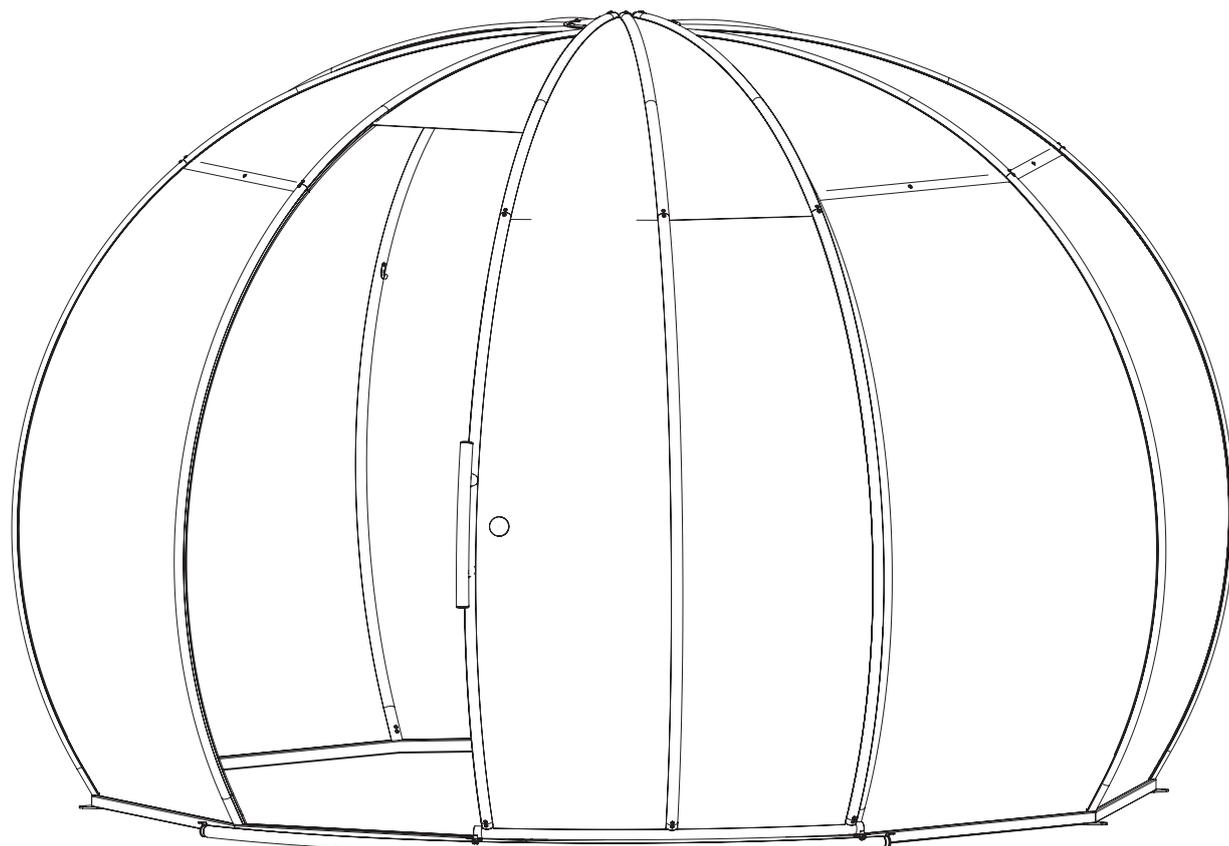
## Igloo MAX - All sizes

ITM. NO.

6426495301868  
6426495302254  
6426495302131  
6426495302094

ART.

Astrøea® Igloo MAX model M  
Astrøea® Igloo MAX model L  
Astrøea® Igloo MAX model XL  
Astrøea® Igloo MAX model XXL



\*Astrøea® Igloo MAX L



Scan for:  
Video Installation and Brochures



### **Before you start:**

1. We recommend **three people** for this operation
2. Time needed: **40-120 min depending on the model**
3. **Retain this Guide** for future reference
4. The cards presented within the Guide are of paramount importance and necessitate your thorough consideration.

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or contact email address at: [info@astreea.com](mailto:info@astreea.com)  
CUSTOMER SERVICE HOURS ARE: 9.00 AM - 4.00 PM MONDAY - FRIDAY EST.

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## 1. Introduction

This booklet includes the rules of use and maintenance for the Astreea® Igloo. This booklet is an integrated part of the product and should be kept within reach to be consulted for the entire time of use. The equipment described in these instructions of use complies with current safety provisions and state-of-the-art technology. However, should the equipment be used in an improper manner, the risk of injury occurring cannot be entirely excluded.

## 2. Safety regulations

Keep the packaging and small parts out of the reach of children or pets. Risk of suffocation!

- **Do not assemble the igloo during a thunderstorm!** Always evacuate the igloo during stormy weather and look for suitable refuge!
- **Wear protective gloves** during assembly and ensure that your fingers do not get stuck between the joints of the frame or the cover.
- **Please, follow safety instructions** while on the ladder when installing the vertical poles of the frame! There is an increased risk of injury. Comply with the safety protocols specified for ladder usage.
- **Do not use any gas/coal heaters**, open fire or other sources of direct heat inside or in the vicinity of the igloo! It is recommended to only use outdoor-type electric space heaters and electrical equipment.
- Utilize an outdoor-rated electrical outlet or extension cord to connect the electrical equipment of the igloo.
- **Ensure that candles, oil lamps, or any other sources of open flame** are not left unattended within the confines of the igloo.
- **The temperatures inside the igloo during summer can go up to +66°C (+150°F).** Do not leave children or pets unsupervised inside the igloo during summer time! Always make sure to **leave a door or window open for a good air flow** or remove the cover entirely.
- **Do not touch the aluminum frame during high heat or frost!** Coming in contact with the very hot or very cold surface of the metal might result in serious injuries.

## 3. Information regarding assembly and maintenance

- The installation of the igloo should be carried out by **a team consisting of 2 to 3 individuals.**
- Prior to installation, ensure the ground is leveled and stable for anchoring purposes. Secure the Igloo to the ground using appropriate metal clamps and screws compatible with your specific ground material.
- In case of soft ground (grass, sand, soil) securing the igloo in place should be done by using the additional Astreea® Weights
- Set up the igloo in a place sheltered from wind and snow. It is recommended to remove the cover in case of storm or hurricane alerts. **In case of strong winds, do not leave the door or window open!** Use the locking system to close the igloo!
- **Avoid leaving the Igloo partially assembled. Always ensure completion of the installation promptly and verify that all components are securely fastened.**

### Wind rating



Fixing method		Max. wind speed applicable
Without anchoring	————>	25km/h (15.5 mph)
Weights*	————>	50km/h (31 mph)
Spikes to ground	————>	50km/h (31 mph)
Bolted to hard surface	————>	70km/h (43.5 mph)

\*Flower Bed or Fabric Weights - see our website

- Astreea® Igloo can bear up to 200 kg (450 lbs) of snow. It is recommended to broom off the snow regularly to prevent collapsing.
- It is advisable to conduct regular inspections of all frame screws and tighten them as needed. Additionally, inspect the cover periodically for any signs of leaks or damage.
- Refrain from using sharp objects in the vicinity of the cover to prevent any potential damage.  
*Please conduct a comprehensive inspection to confirm that the polycarbonate panel remains firmly adhered to the trim strip that has been affixed to it.*



The equipment has been designed exclusively for outdoor use. Use with care, without affecting the structure or the cover of the igloo. Any other use, different from that described in these instructions, could cause damage to the igloo and represent a serious hazard for the user. Proper functioning depends on the correct use and adequate maintenance of the equipment. Therefore, it is advisable to carefully read the instructions to prevent issues that are incompatible with proper functioning and durability. All information required to ensure the best use of this igloo is provided, together with instructions and useful advice for its correct maintenance. The Manufacturer is relieved of all responsibility in the case of negligence and non-observance of these rules.

#### 4. Cleaning, Storage, and Disposal Instructions

Depending on the type of cover, cleaning should be done with a clean cloth, warm water and a mild detergent.

- **Do not use any chemical agents**, bleach or acetone that could damage the igloo!
- **Do not machine wash**, tumble dry, dry clean or iron the cover! The Canopy cover can be machine washed following the instructions on the label.
- **Do not use any abrasive** or caustic cleaning products or hard brushes for cleaning!

- **Disassembling the igloo should be performed by following the assembly instructions in reverse order.** Following disassembly, ensure that all components are thoroughly cleaned and dried.

- **Keep the cover in a cool, dry, well-ventilated space, protected from frost, direct sunlight and other heat sources.**

- Exposing the cover to sunlight for a long time might result in change of color and an early aging of the materials.

- Disposal of the igloo should not be done by throwing it (or parts of it) in the trash. **Please, use a specialized recycling center.**



The Astreea® Igloo necessitates securing to the ground through the utilization of appropriate conexpands, which are not provided within the package, tailored to the installation surface. This fixation is achieved via the stainless steel junction plates included in the package.

If the Igloo is installed on soft ground or surfaces where securing the clamps to the ground is not feasible, alternative methods must be employed to ensure the Igloo remains securely anchored during windy conditions.

The Igloo is engineered to withstand windy conditions solely when fully assembled and securely anchored to the ground. Partial assembly should be avoided to prevent potential damage.

**DO NOT ATTEMPT TO ASSEMBLE THE IGLOO IN WINDY CONDITIONS! PRIOR TO INSTALLING THE COVER MAKE SURE THAT THE IGLOO IS SECURED TO THE GROUND USING THE FIXING CLAMPS, OR WEIGHED DOWN USING THE ASTREEA® WEIGHTS AVAILABLE AT ASTREEA.COM.**



**FOR ASTREEA® IGLOO MAX MODEL, LEAVING THE IGLOO IN WINDY CONDITIONS WITH MISSING POLYCARBONATE PANELS OR THE SLIDING DOOR OPEN, MAY RESULT IN DAMAGE TO THE IGLOO. THE SAME APPLIES TO OTHER COVERS, IF THERE'S AN OPENING THAT ALLOWS THE WIND TO INFLATE THE IGLOO.**



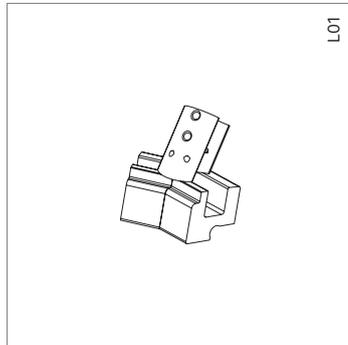
**WHEN THE IGLOO IS ADEQUATELY SECURED TO THE GROUND, AND BOTH THE COVER AND DOOR ARE COMPLETELY CLOSED, IT HAS DEMONSTRATED RESILIENCE AGAINST STRONG WINDS.**

(see Wind rating - left page)

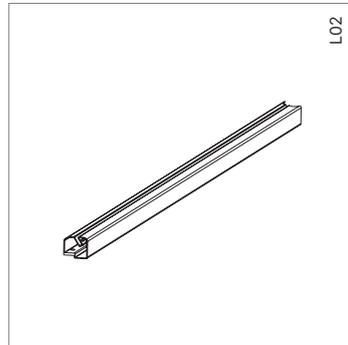


# Frame Components

M / L / XL / XXL



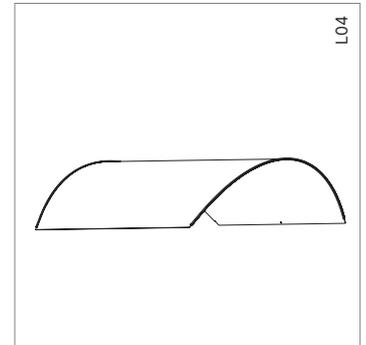
**Connector assembly**  
8 / 10 / 12 / 16



**Base tube**  
8 / 10 / 12 / 16



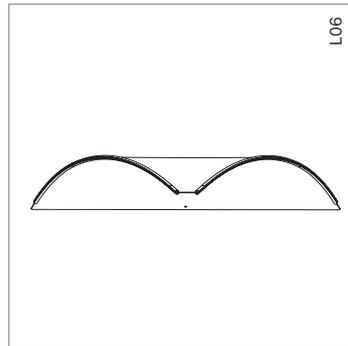
**Lower pole**  
8 / 10 / 12 / 16



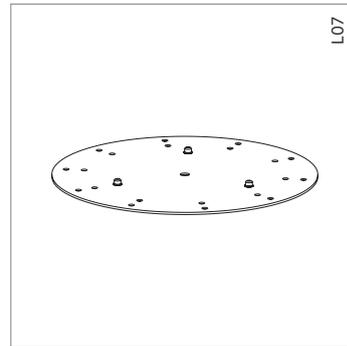
**Lower panel**  
7 / 9 / 11 / 15



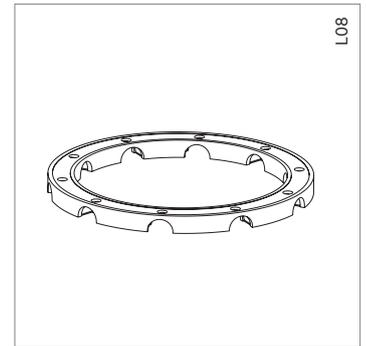
**Upper pole**  
8 / 10 / 12 / 16



**Upper panel**  
7 / 9 / 11 / 15



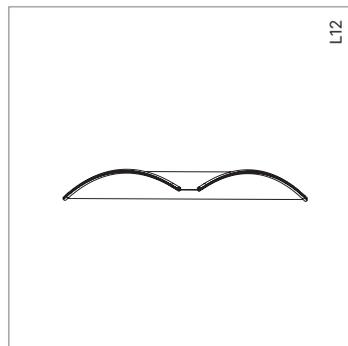
**Center plate**  
1 / 1 / 1 / 1



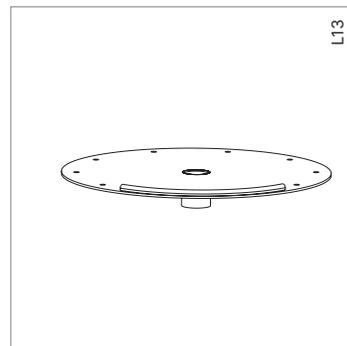
**Upper sealing**  
1 / 1 / 1 / 1



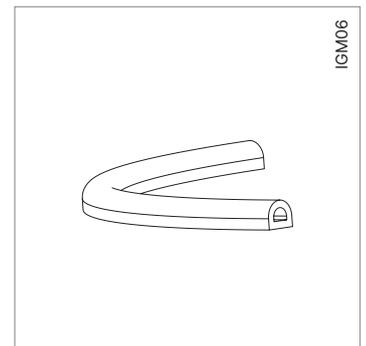
**Sliding rail**  
1 / 1 / 1 / 1



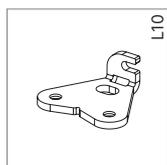
**Short upper panel**  
1 / 1 / 1 / 0



**Upper plate**  
1 / 1 / 1 / 1

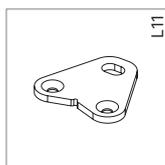


**D sealing**  
1 / 1 / 1 / 1



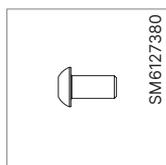
**Slider junction plate**

3 / 3 / 3 / 3



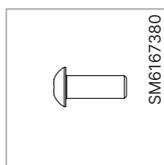
**Junction plate**

5 / 7 / 9 / 13



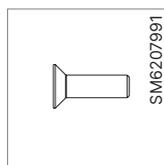
**Screw M6x12 7380**

24 / 30 / 36 / 48



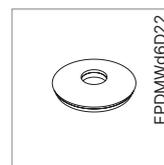
**Screw M6x16 7380**

11 / 13 / 15 / 19



**Screw M6x20 7991**

32 / 40 / 48 / 64



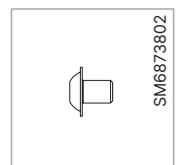
**Washer d6.8 D22**

8 / 10 / 12 / 16



**Nut M6 934**

7 / 9 / 11 / 15  
Optional



**Screw M6x8 73802**

7 / 9 / 11 / 15  
Optional



# Let's begin

## Remember

The Astreea® Igloo is engineered to accommodate all seasons. Enhance your current product with **a range of accessories and covers, enabling year-round utilization.**



Scan for:  
[astreea.com/igloo](https://astreea.com/igloo)

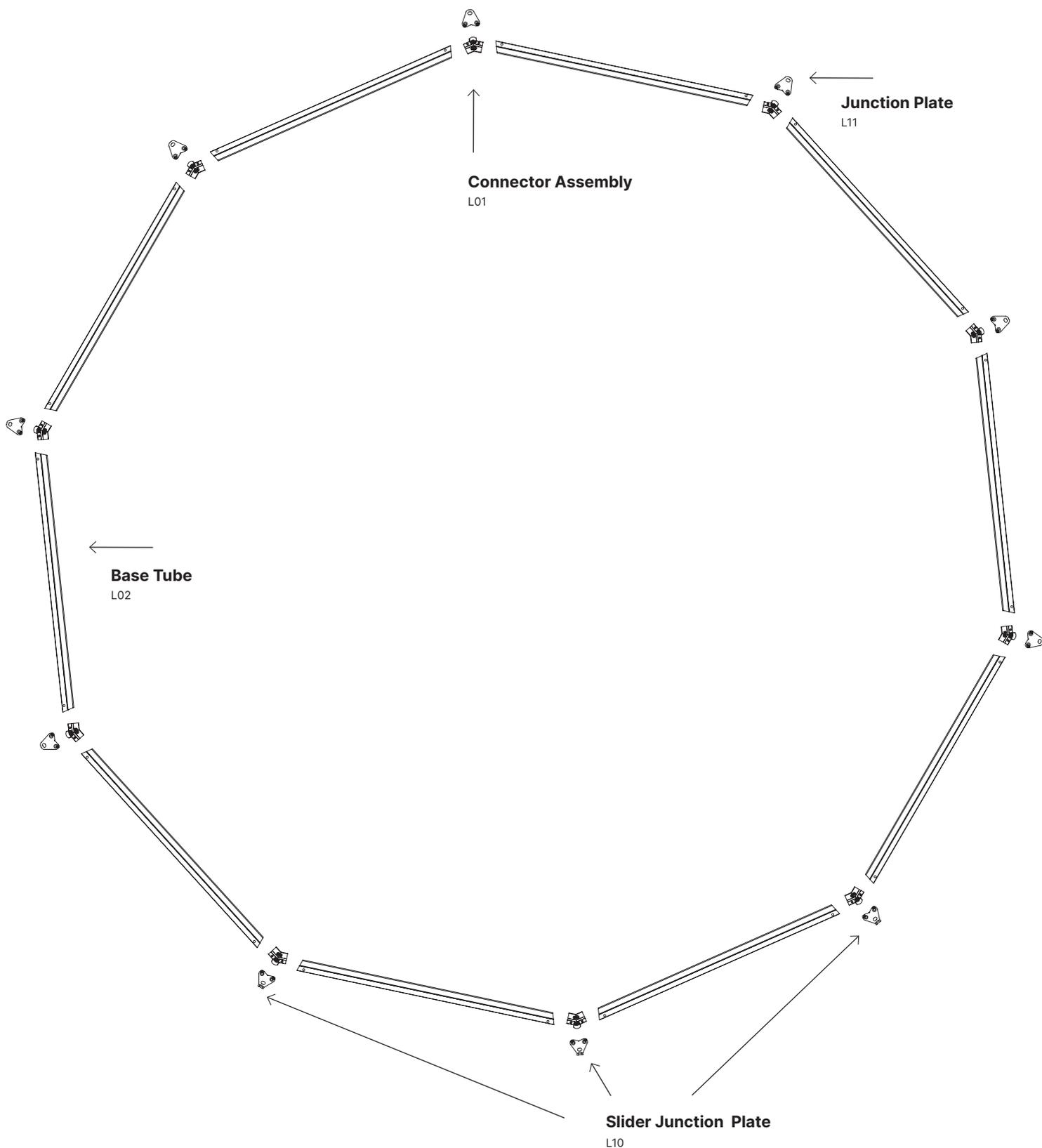


*Missing or lost spares?* Please call our customer service: (907) 931-4469

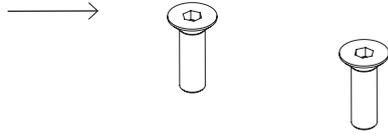
# Installing the frame

## Step 1: Install the base frame

Position the connector assembly upside down, alongside the base tube, junction plates, and slider junction plates.



**M6×20 7991 Screw**  
SM6207991



**CAUTION:**

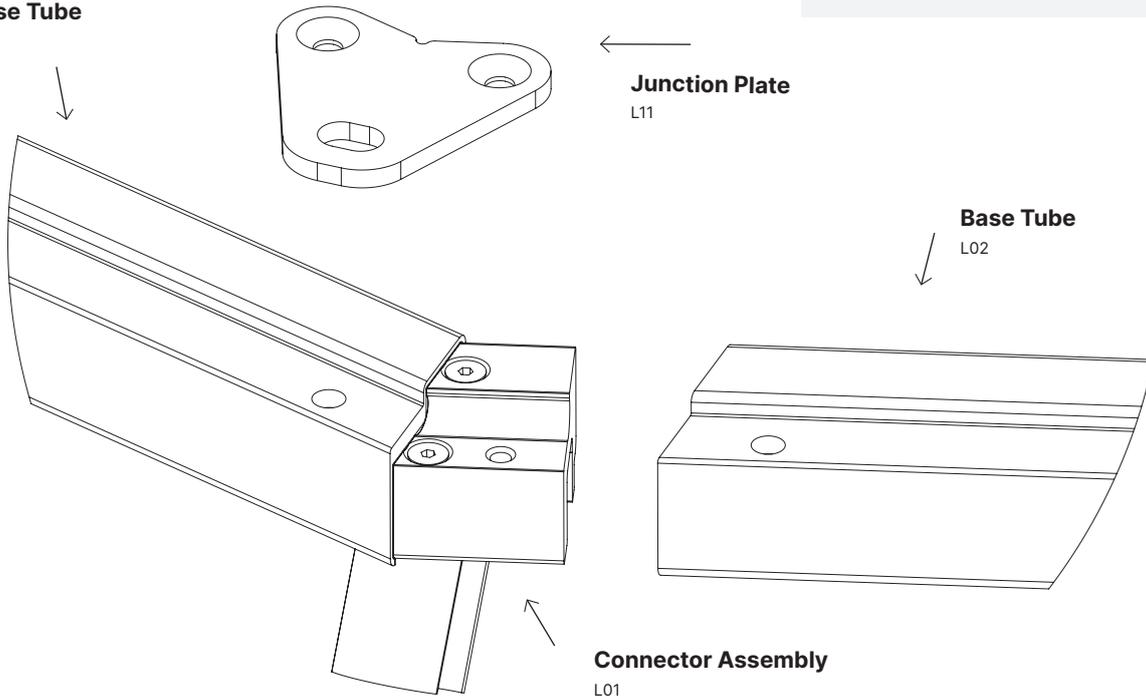
Direct tightening of the screws with an Allen key or a power screwdriver is ill advised. First, hand-thread the screws to ensure they are correctly positioned. This guideline should be followed throughout the entire assembly process.

**Base Tube**  
L02

**Junction Plate**  
L11

**Base Tube**  
L02

**Connector Assembly**  
L01

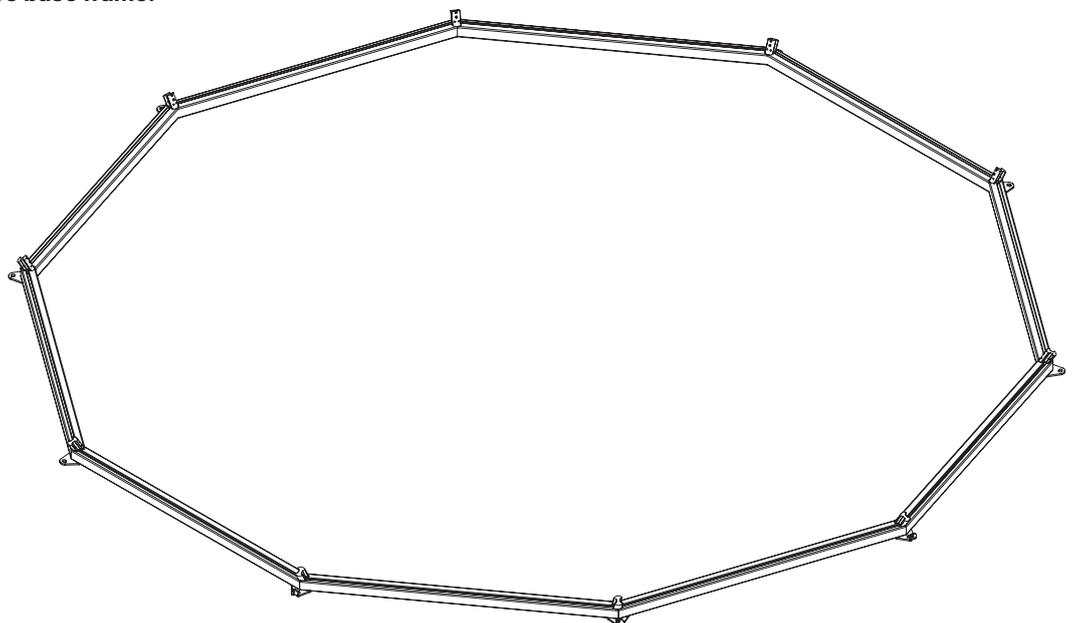


Insert the connector assembly into the base tube, followed by another base tube on the opposite side. Secure these components using the junction plate and M6×20 7991 screws.

**Repeat the same process for the entire base frame.**



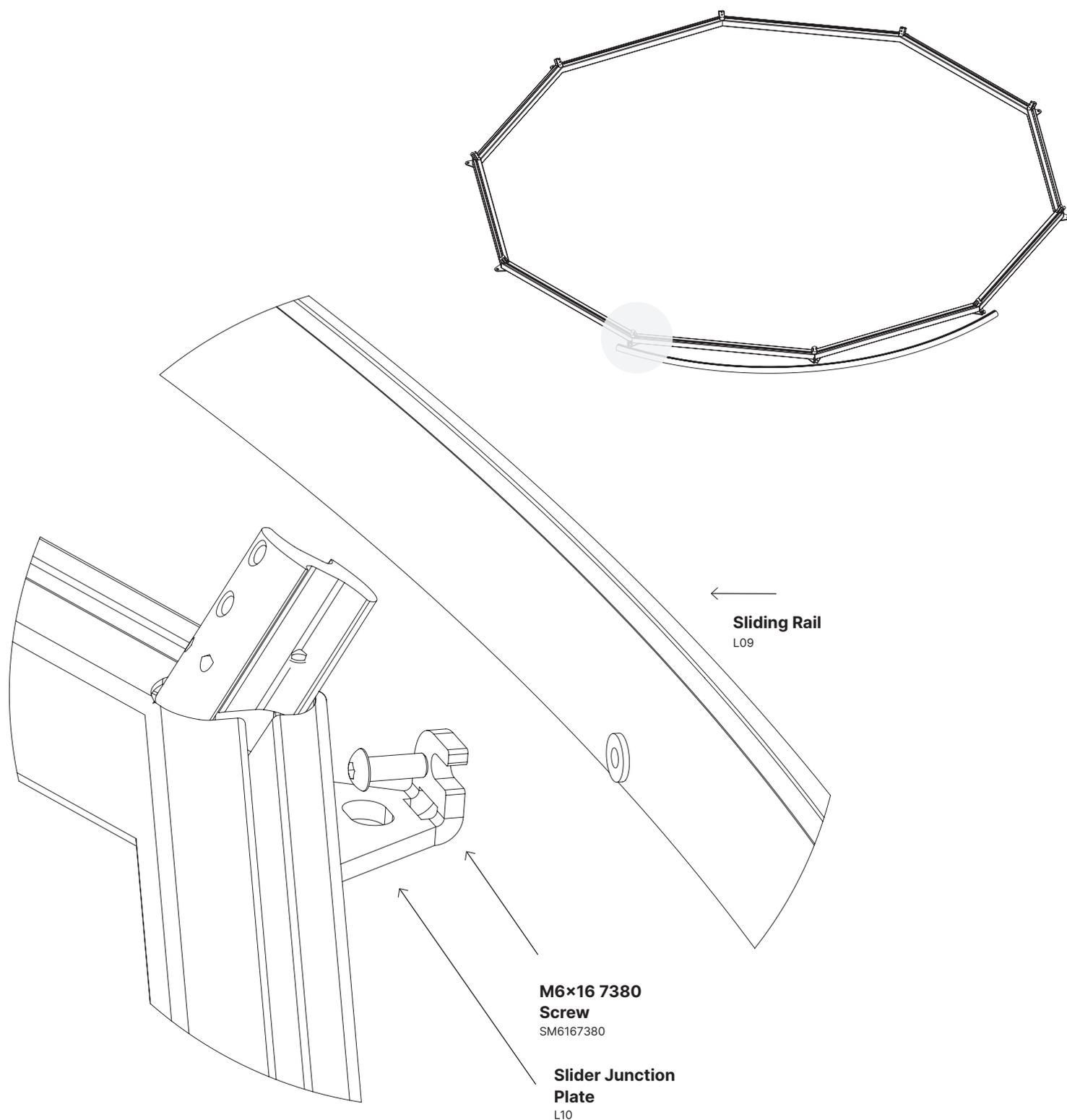
**Flip the entire base frame over when you're done.**



## Installing the frame

### Step 2: Install the sliding rail

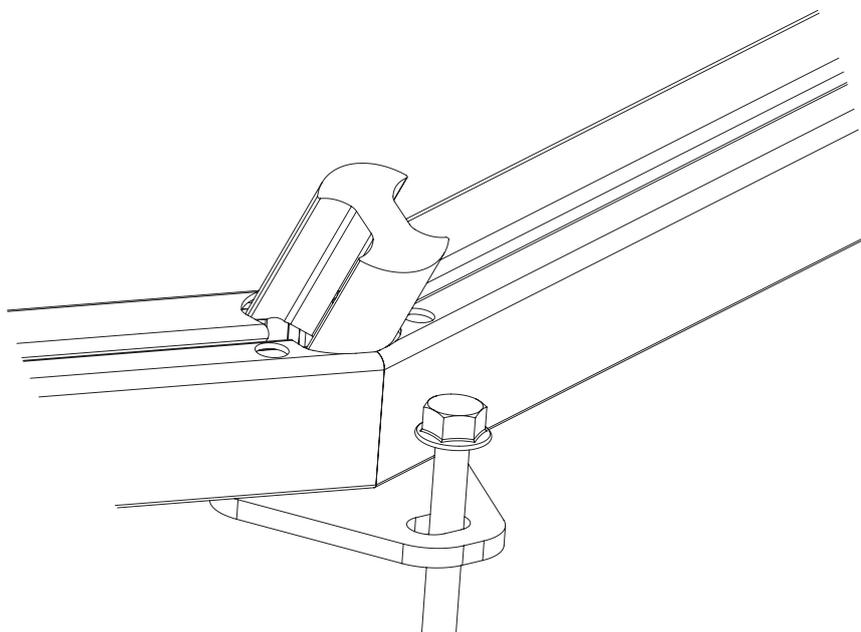
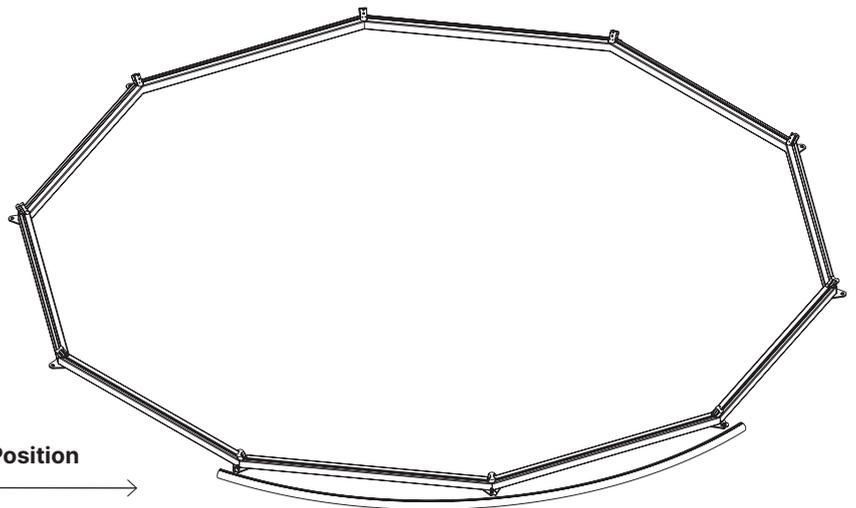
Attach the sliding rail to the slider junction plate and secure it using three M6×16 7380 screws.



**Choose the door position and fix the base to the platform.**

Once the sliding rail is mounted, place the base in the desired location for the Igloo, taking into account that the position of the door is determined by the sliding rail.

Fasten the igloo to the platform using anchor screws, positioning one in each slider junction plate and junction plate as indicated below.



**CAUTION:**  
It is crucial to note that fixing the base to concrete using conexpands is permissible only at this stage.

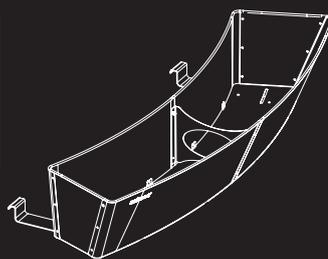
**Anchor screw**  
\*not included. Select the fixing screws according to the platform where the igloo will be placed.

**Optional anchors**

Choose another anchor system according to your needs:



Scan for:  
Flower Pot



Scan for:  
Spikes

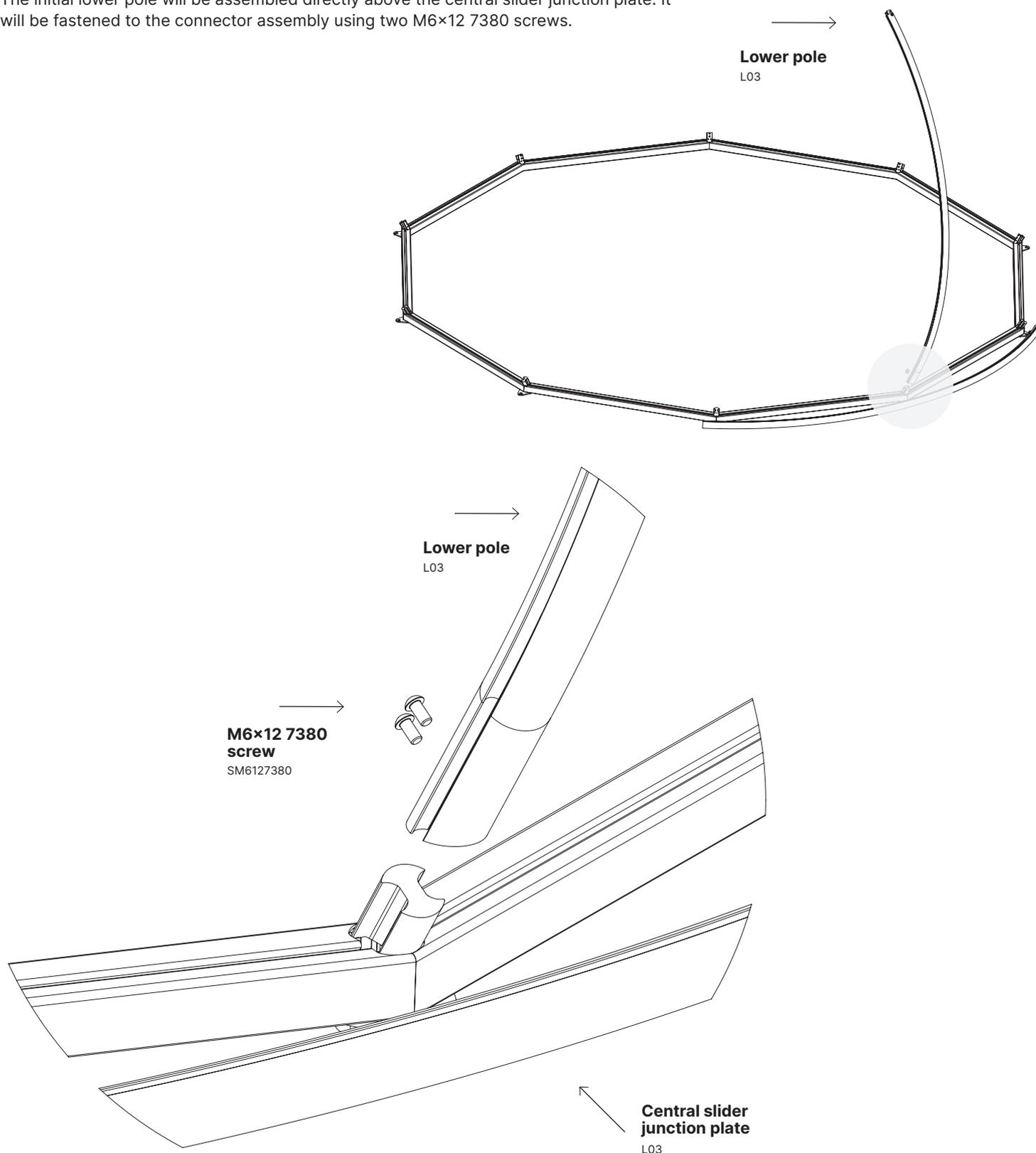


*Missing or lost spares?* Please call our customer service: (907) 931-4469

## Installing the frame

### Step 3: Install the first lower pole

The initial lower pole will be assembled directly above the central slider junction plate. It will be fastened to the connector assembly using two M6×12 7380 screws.

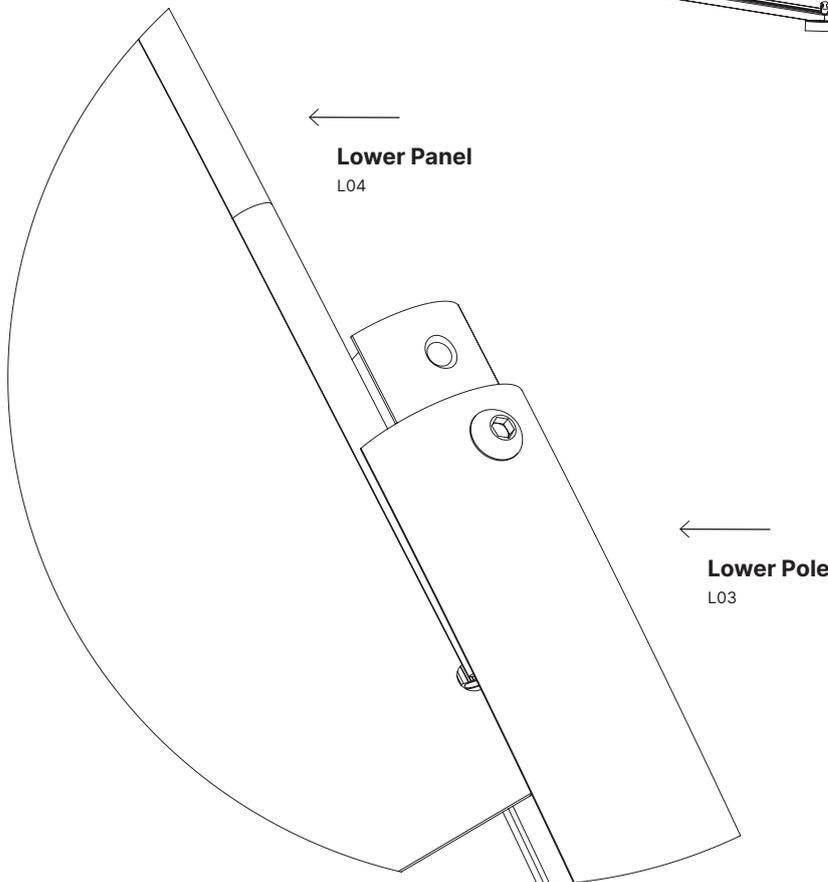


**Step 4: Install the first lower panel**

Slide the first lower panel into the left channel of the lower pole for a right-to-left door opening direction. Alternatively, for a left-to-right door opening, insert the first lower panel into the right channel of the lower pole.

**i**

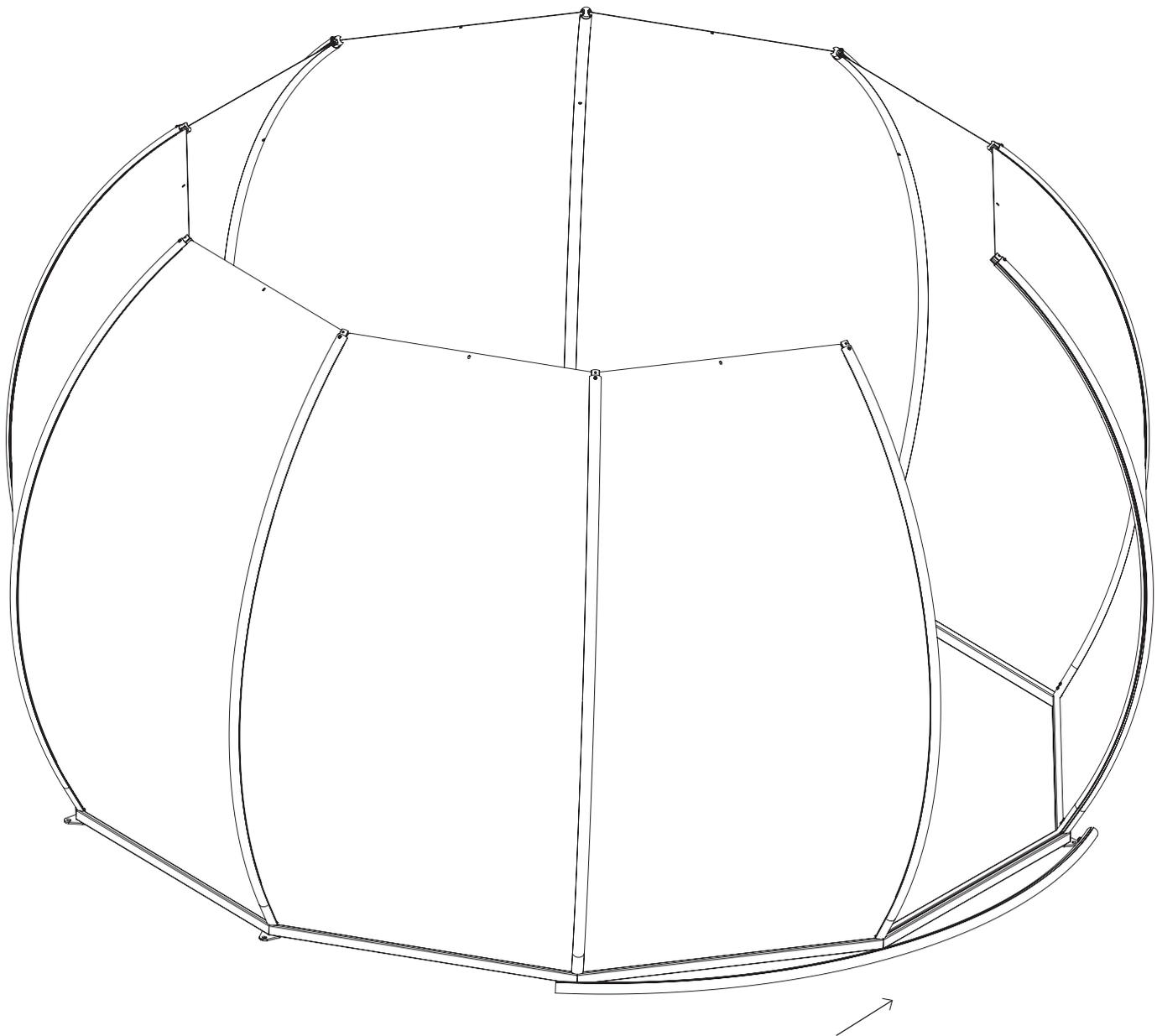
The door can be installed to slide from the left to the right or viceversa

## Installing the frame

### Step 5: Install the remaining panels and poles

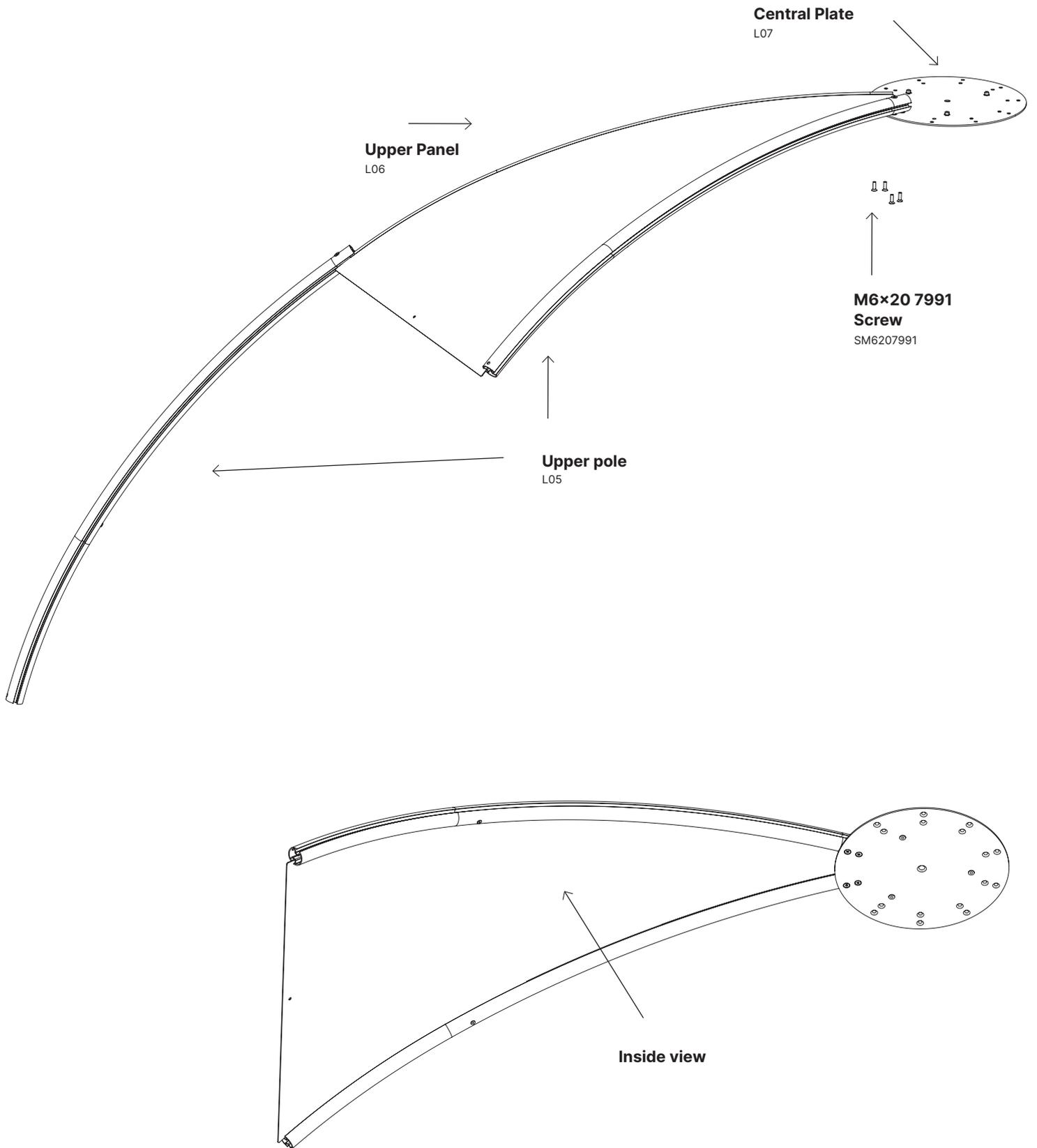
Proceed in the same way for the entire base frame.



**Door Position**

Sliding from right to left

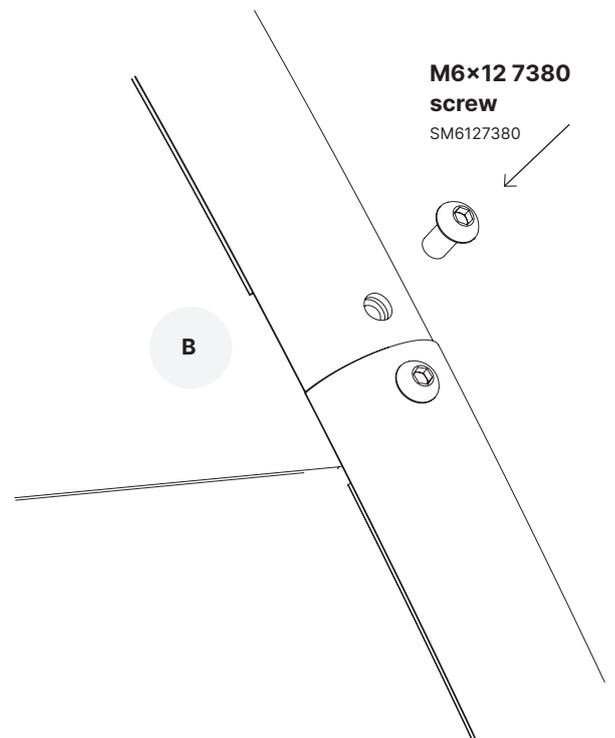
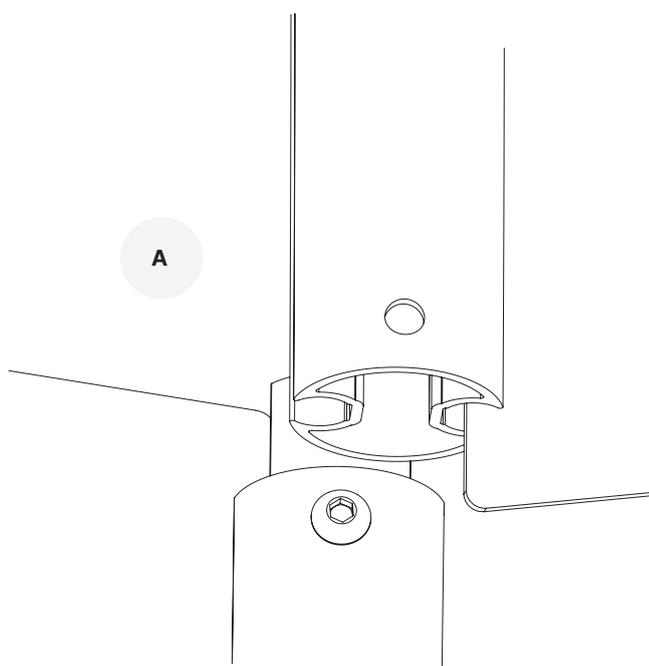
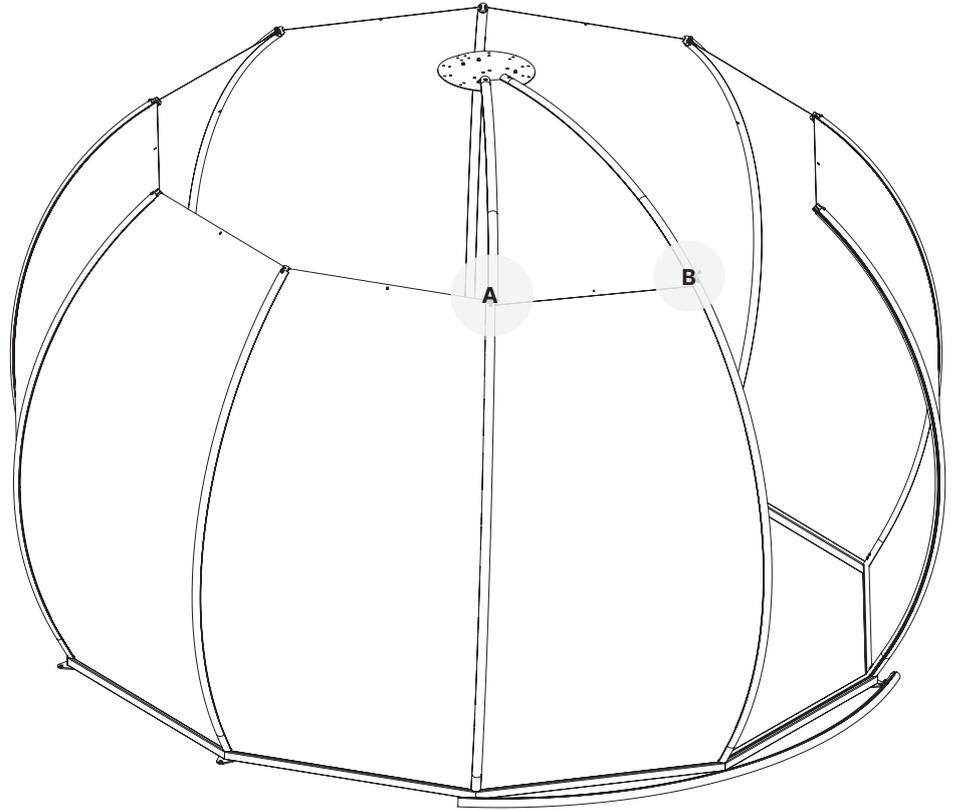
**Step 6: Install the first upper panel with the central plate and upper poles**



## Installing the frame

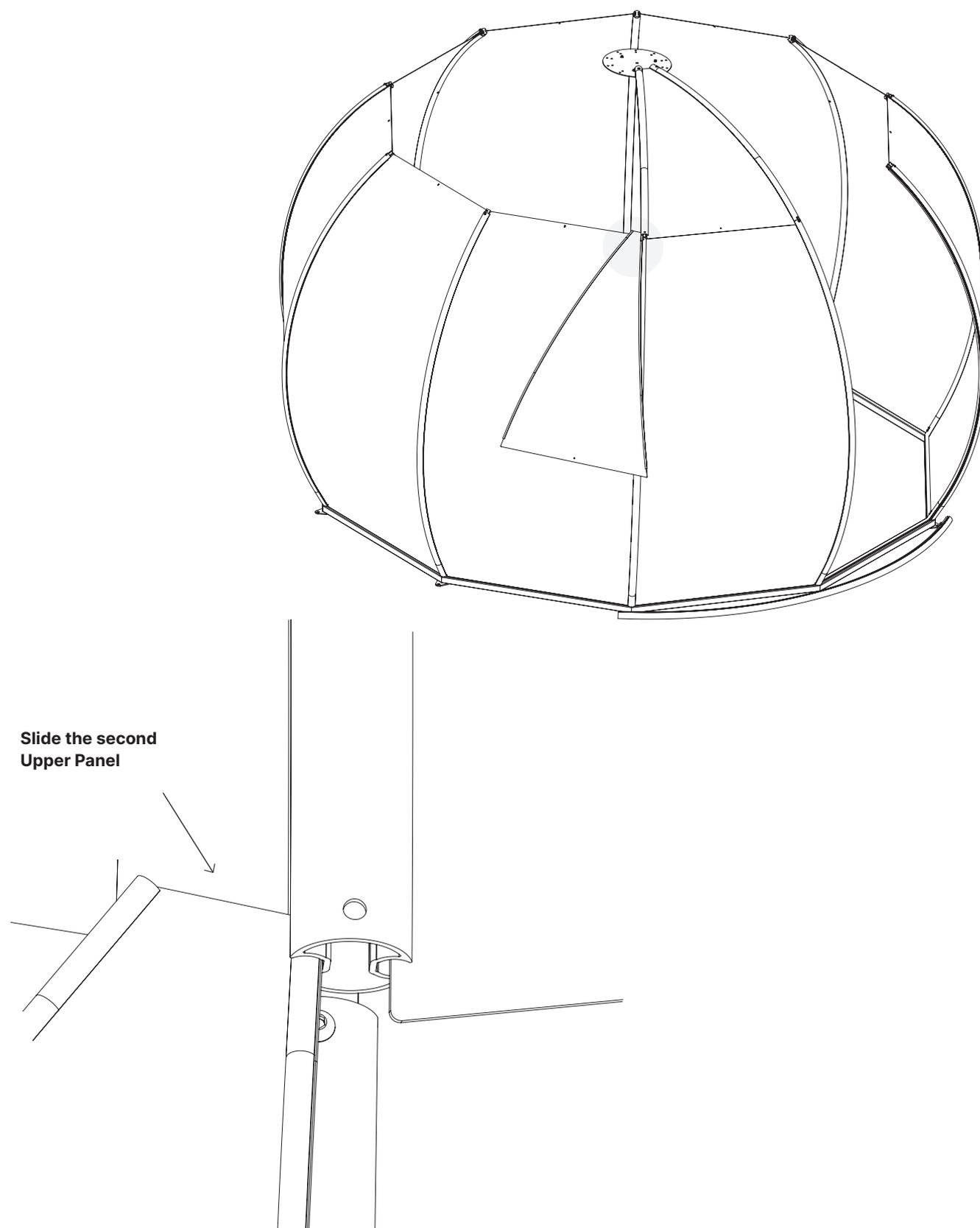
### Step 7: Install the first upper panel on the lower panel and poles

Begin the assembly of the upper panels from the side of the door.



**Step 7: Install the first upper panel on the lower panel and poles**

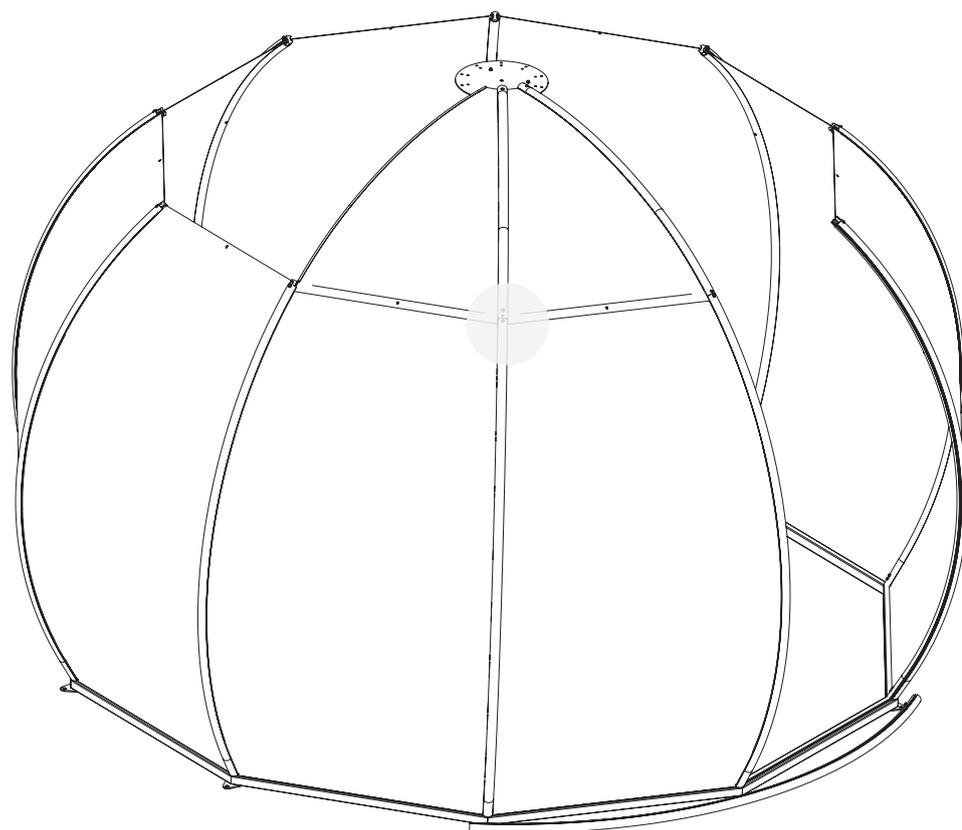
Insert the second upper panel into the channel of the second upper pole, then position the pole accordingly and secure it to the lower pole by fixing it in place.



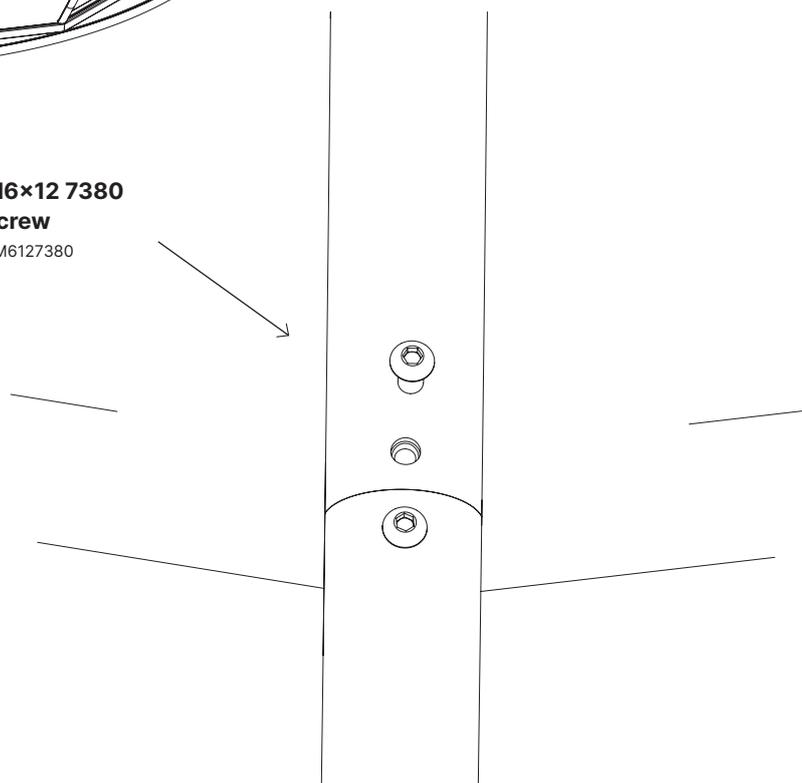
## Installing the frame

### Step 8: Fix the second upper pole

Slide the second upper panel into the channel of the second upper pole, then position the pole in place and secure it to the lower pole by fixing it.

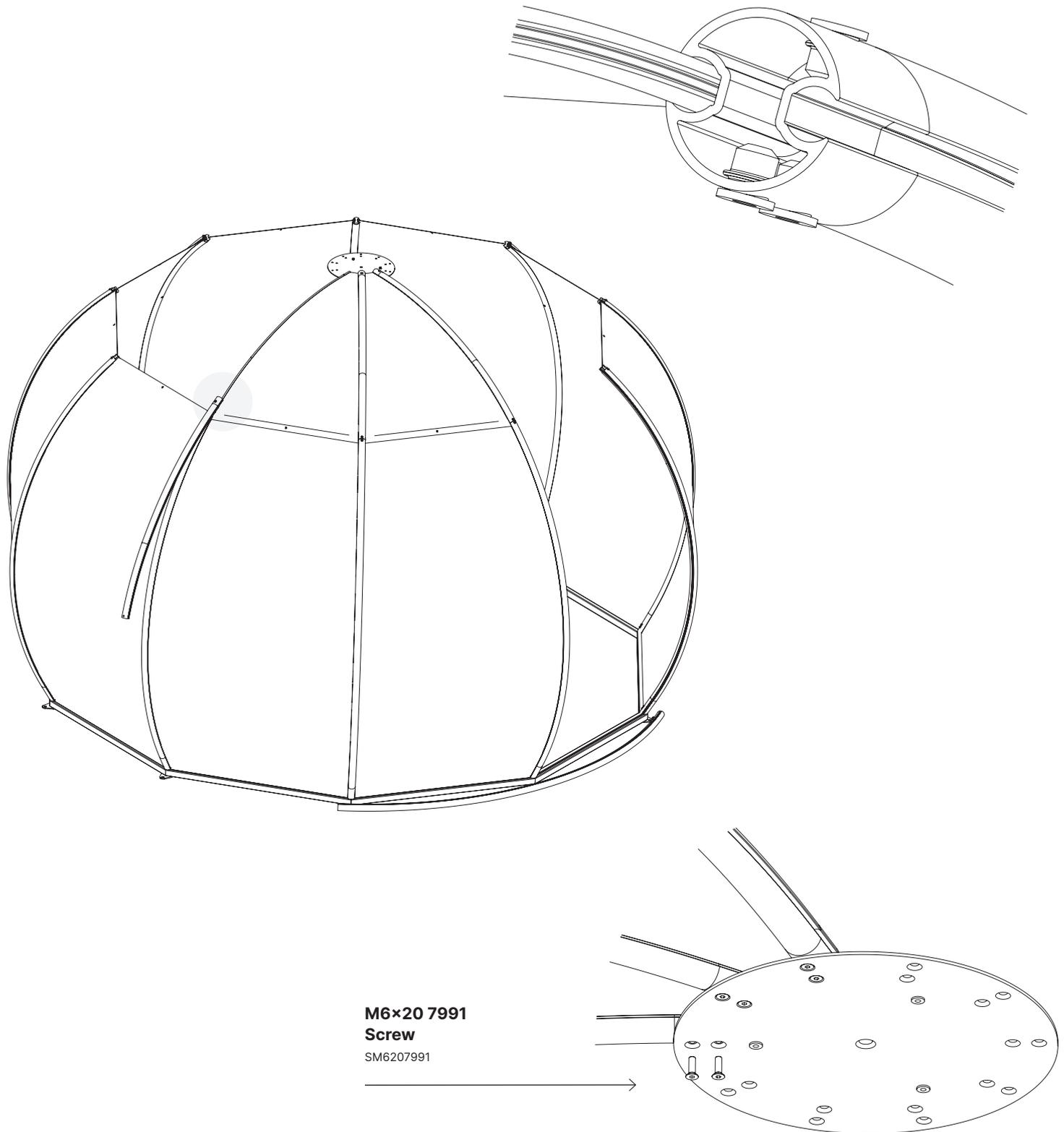


**M6×12 7380**  
**screw**  
 SM6127380



### Step 9: Mount the 3th upper pole

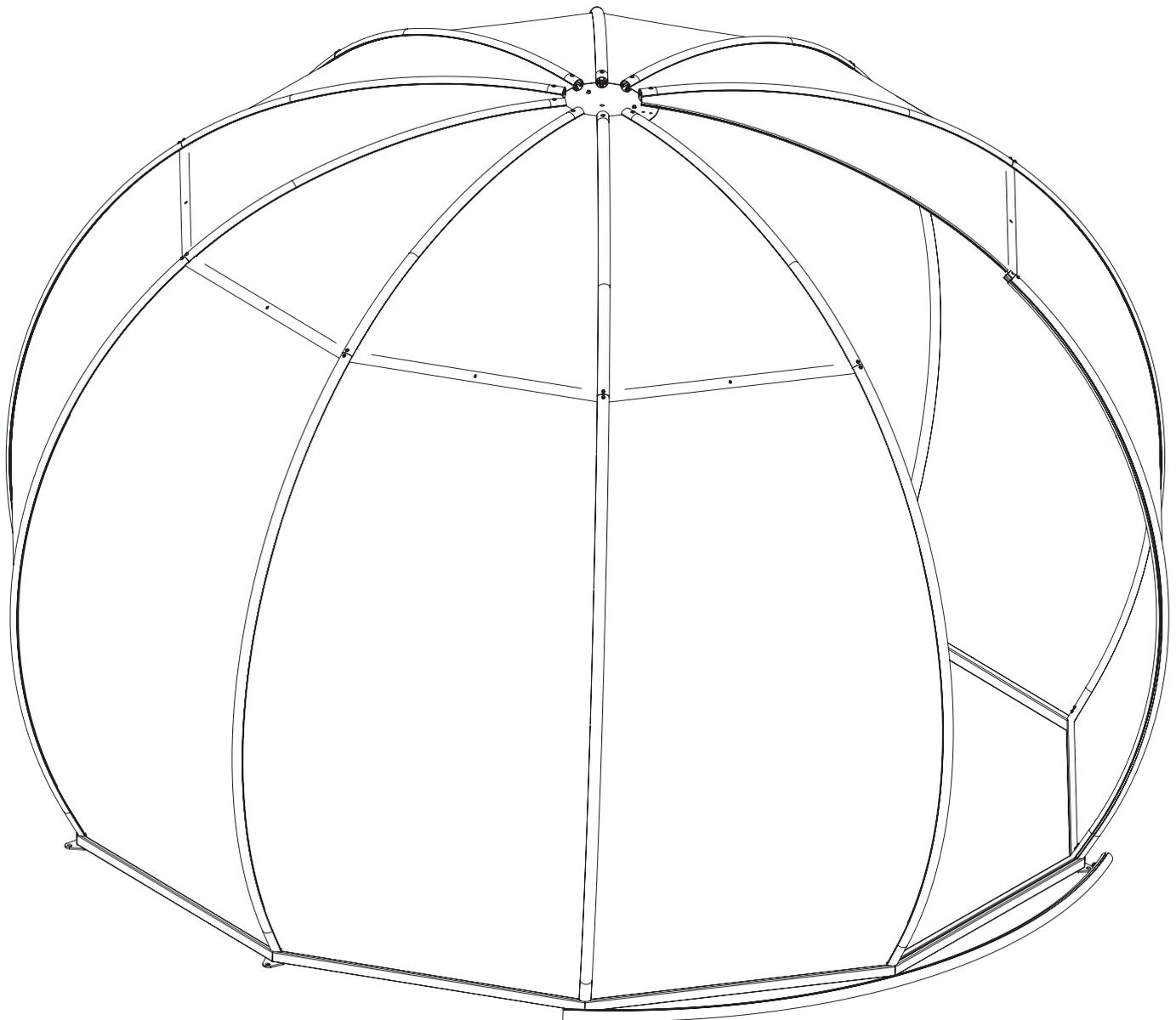
Mount the third upper pole onto the upper panel by inserting the right channel over the panel strip, ensuring its side aligns with the lateral channel of the pole.



## Installing the frame

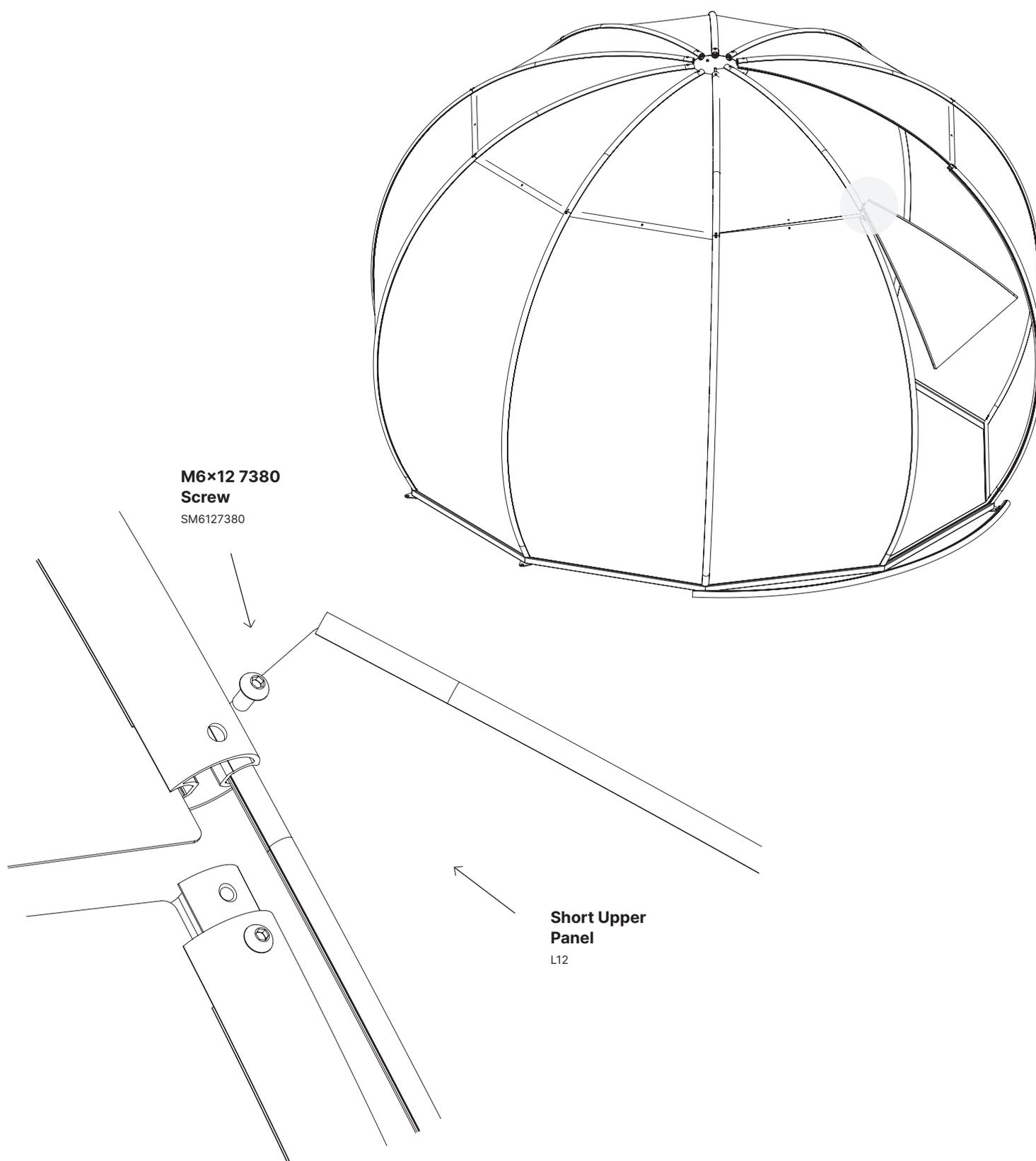
### Step 10: Install the remaining panels and poles

Install the remaining panels and upper poles following the same procedure as the preceding ones, except for the final upper pole. The last upper pole will be installed after mounting the shorter panel.



### Step 11: Install the short upper panel

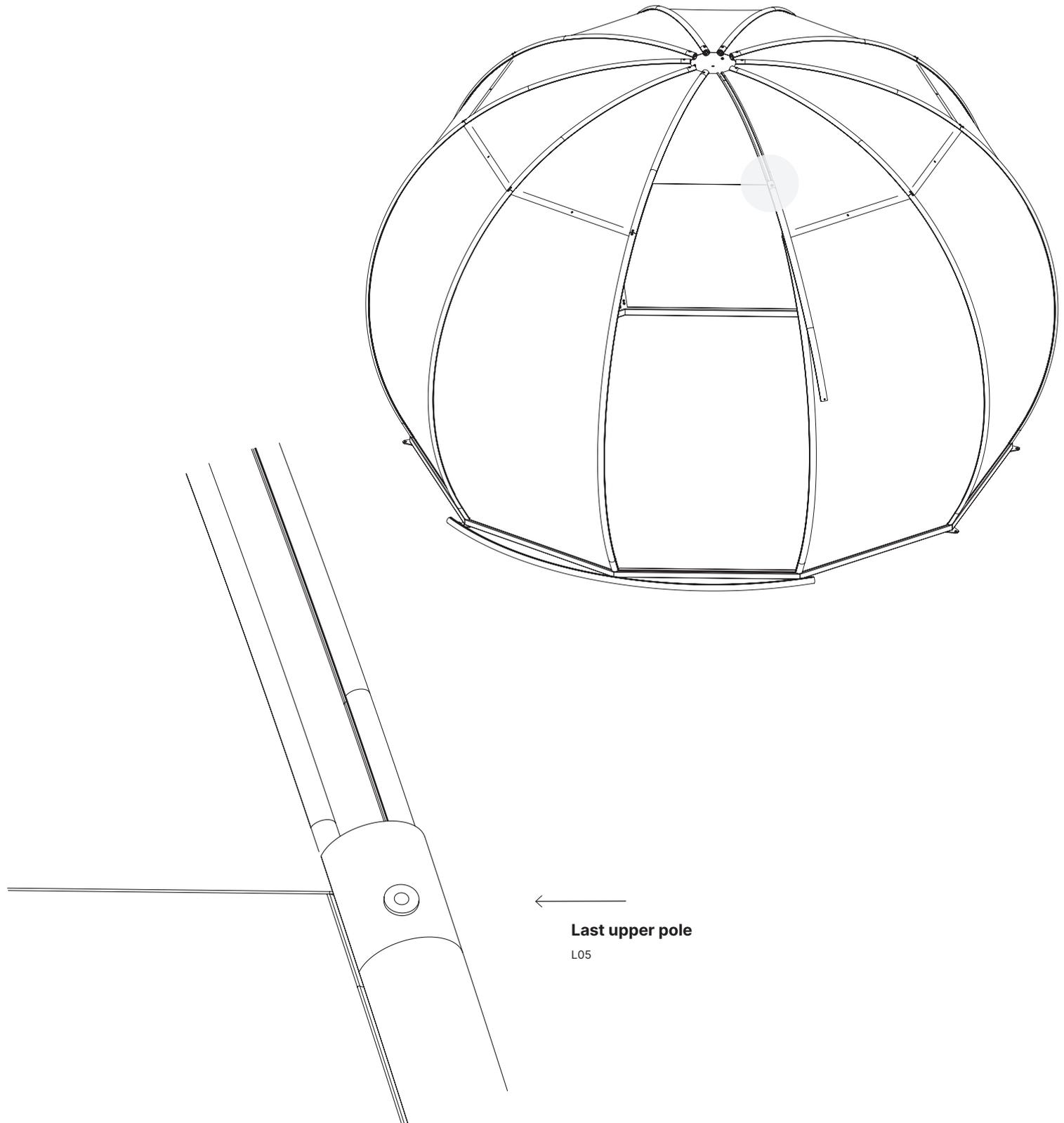
To install the short upper panel, loosen the M6×12 screw securing the first upper pole to the first lower pole. This will enable the short panel to be inserted into the right channel of the upper pole. After inserting the panel into the channel, tighten the screw back in place.



## Installing the frame

### Step 12: Install the last upper pole

Mount the final upper pole between the two upper panels, ensuring that their lateral portions correctly align with the side channels of the pole.

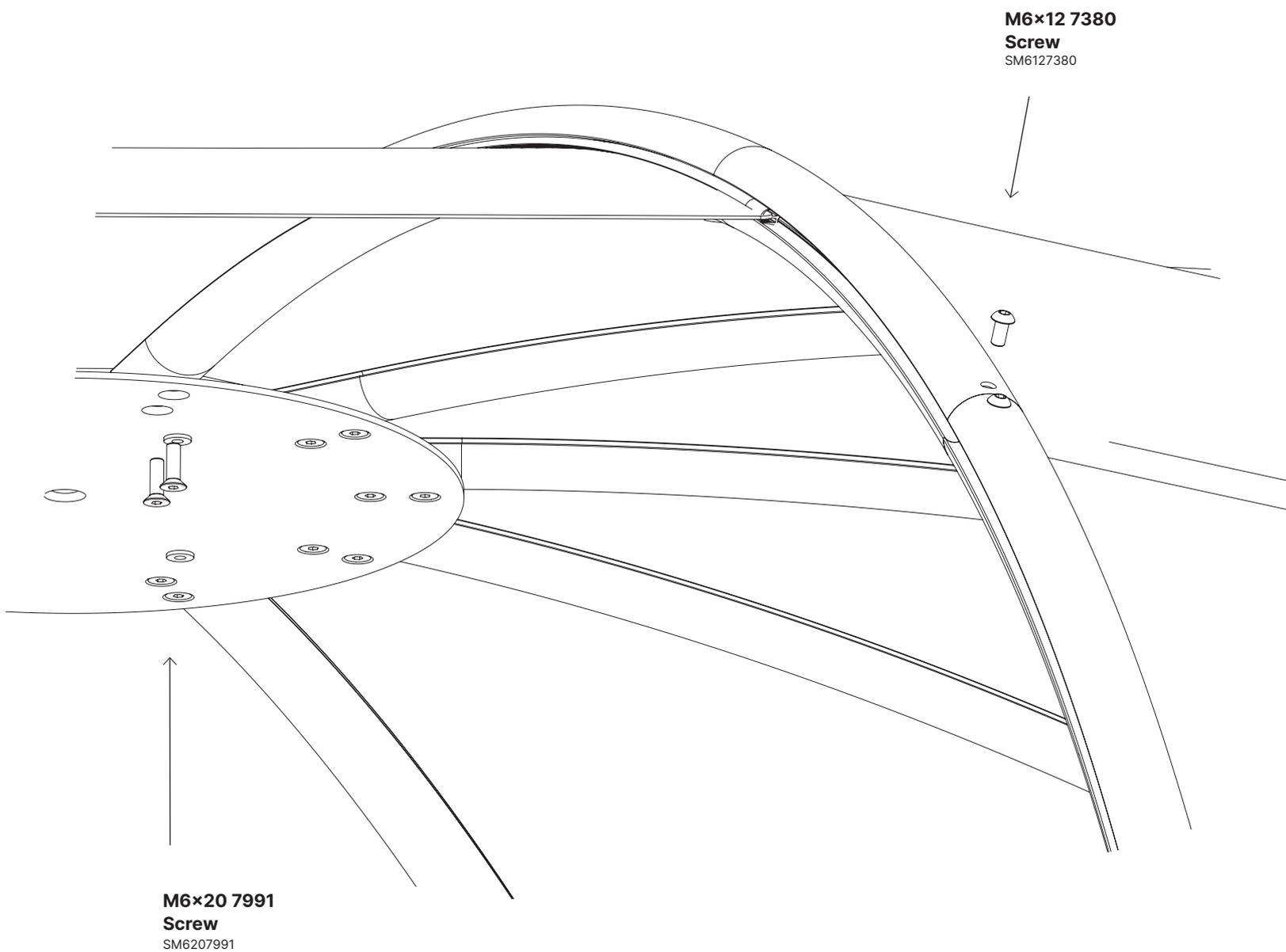


**Last upper pole**

L05

### Step 13: Secure the last upper pole

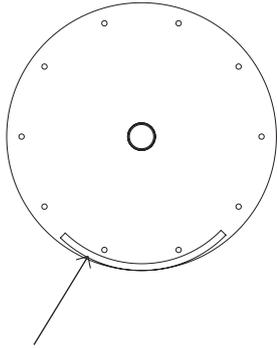
Secure the last upper pole at both ends as follows: at the bottom, utilize an M6×12 7380 screw, and at the top, fix it in place with 2 M6×20 7991 screws.



## Installing the frame

### Step 14: Install the upper sealing and upper plate

Affix the D sealing to the upper plate on the exterior edge, then assemble the parts as illustrated.

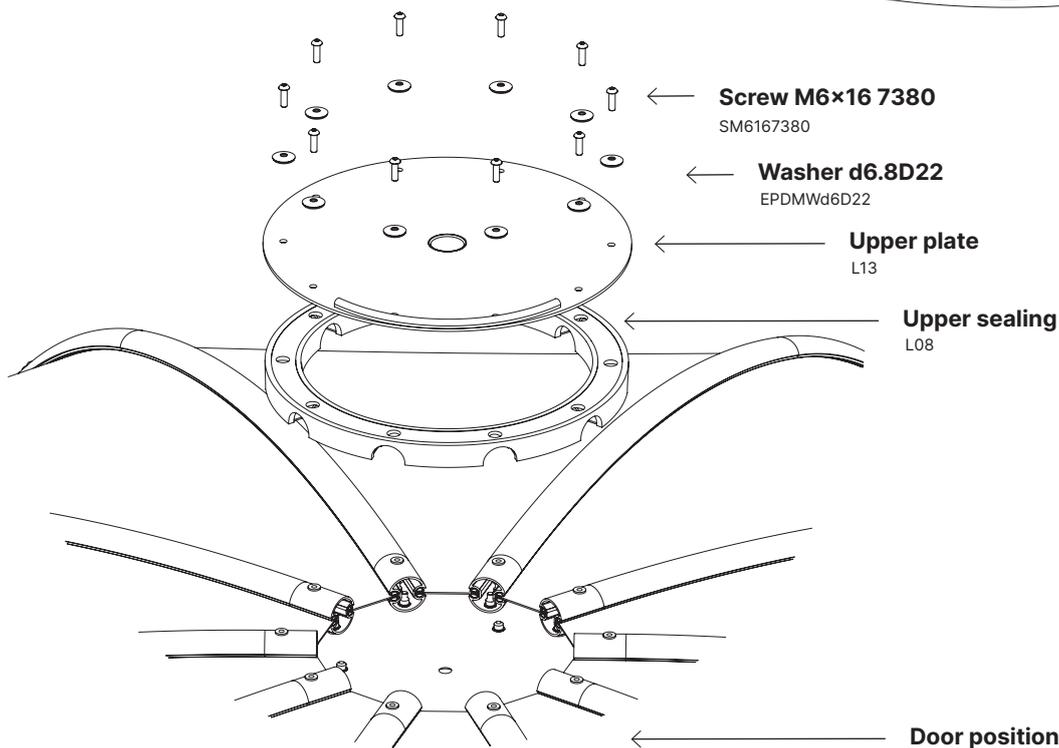
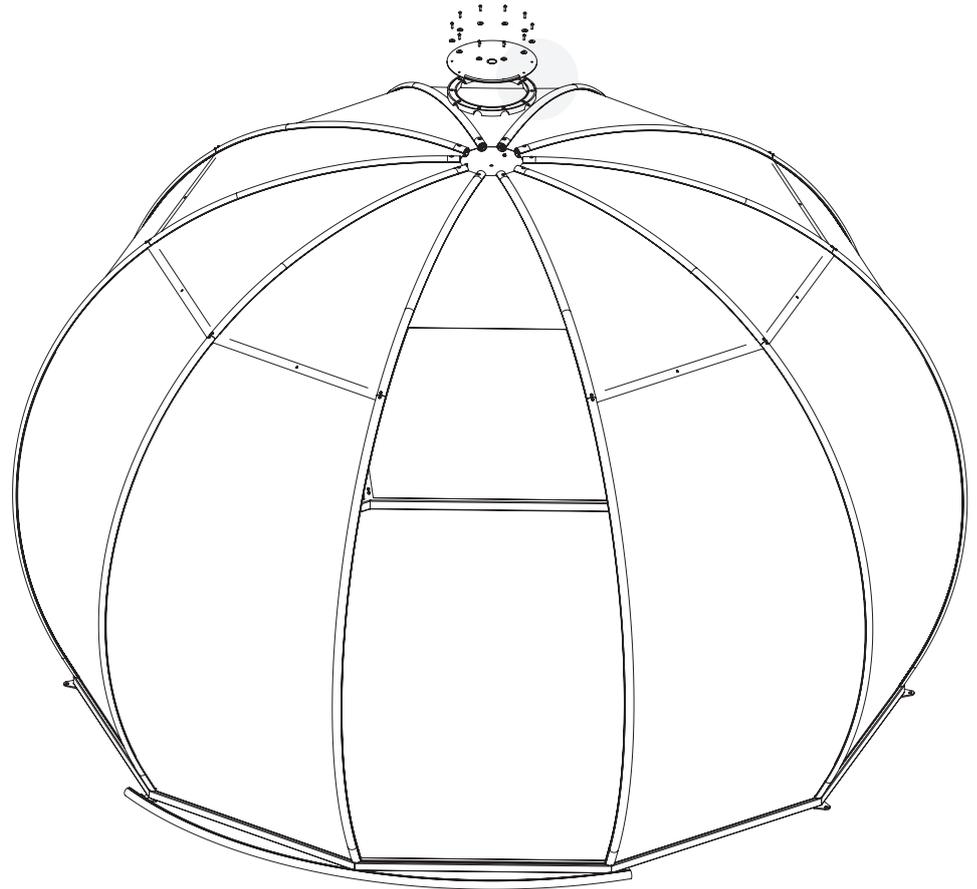


D sealing



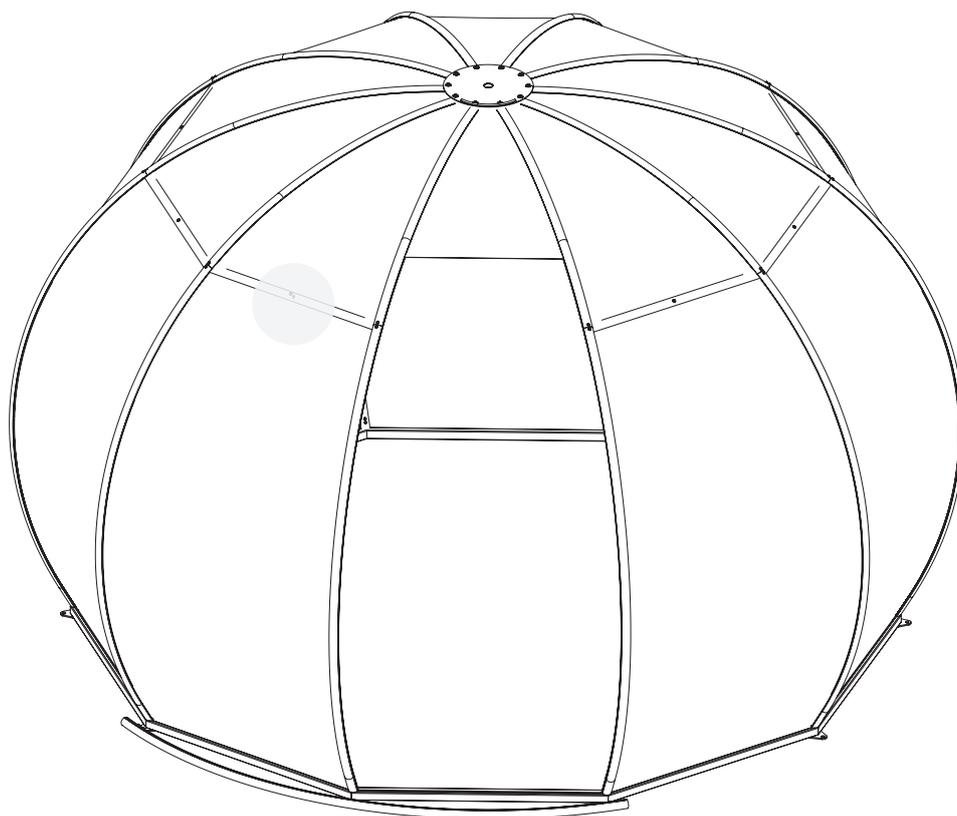
**CAUTION:**

The upper plate should be mounted with the D seal towards the door position.

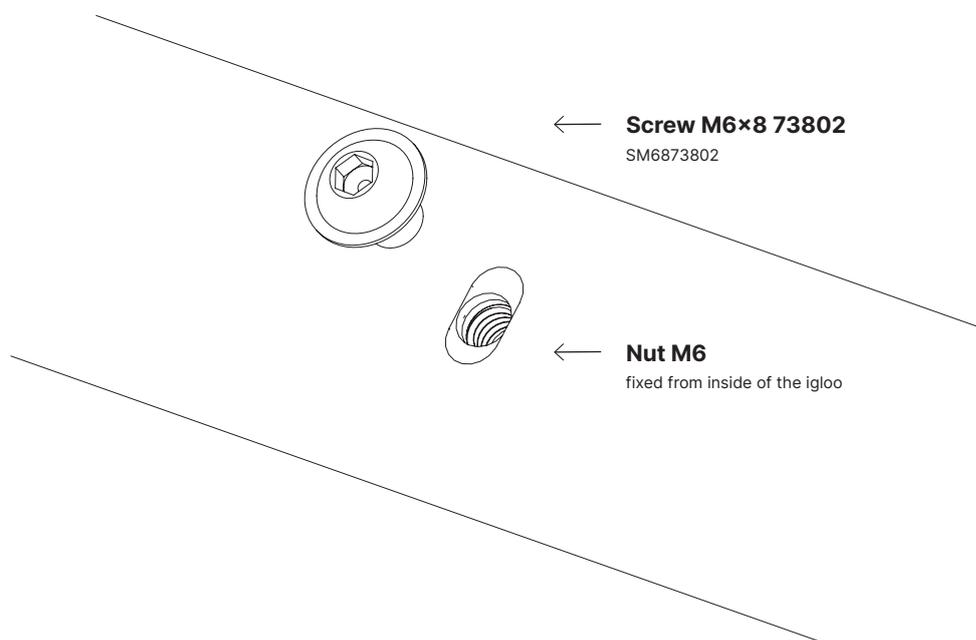


### Step 15: Fix the polycarbonate panels

Fix the polycarbonate panels, upper ones with the lower ones.

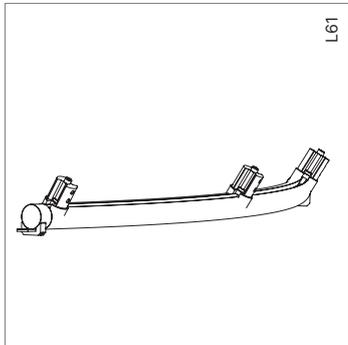


#### Optional



# Door Components

M / L / XL / XXL



**Door base**  
1/1/1/1



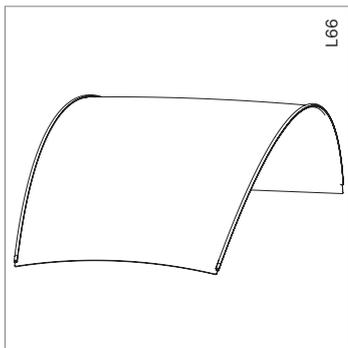
**Door lower pole**  
2/2/2/2



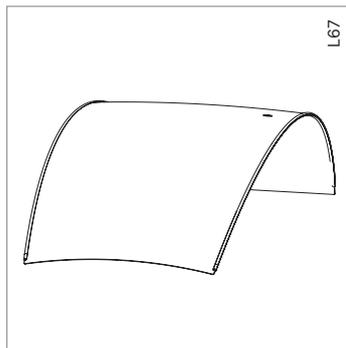
**Handle pole**  
1/1/1/1



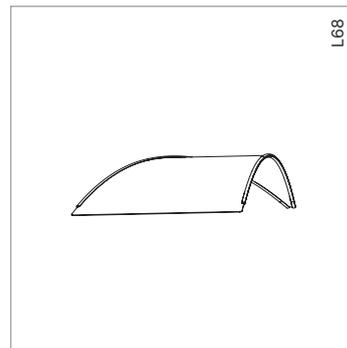
**Door upper pole**  
3/3/3/3



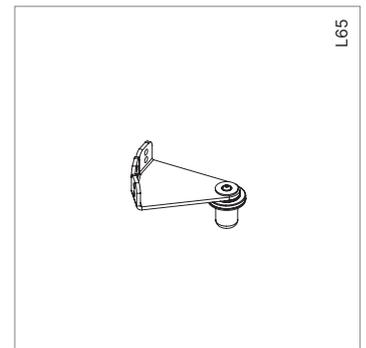
**Door lower panel**  
1/1/1/1



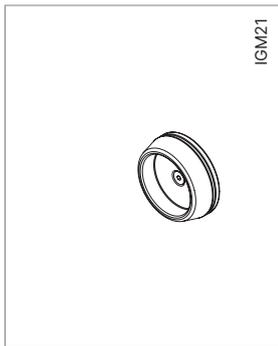
**Handle panel**  
1/1/1/1



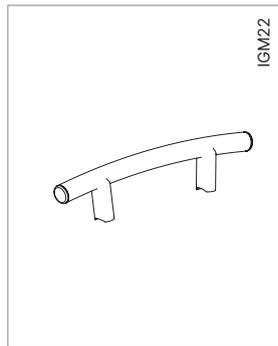
**Door upper panel**  
2/2/2/2



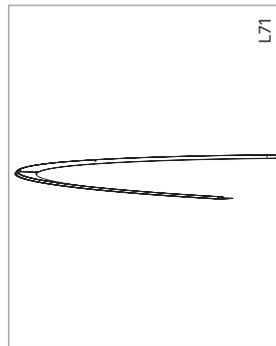
**Pivoting assembly**  
1/1/1/1



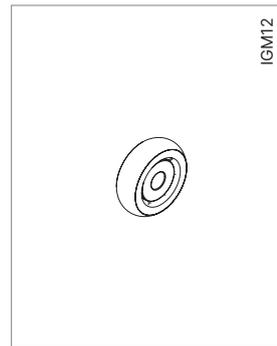
**Interior handle**  
1/1/1/1



**Exterior handle**  
1/1/1/1



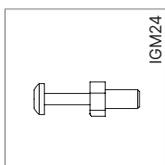
**PVC Protection**  
2/2/2/2



**Wheel**  
4/4/4/4

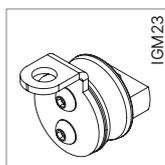


**Hanger**  
2/2/2/2



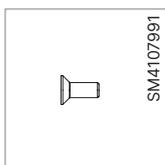
**Retainer screw**

2/2/2/2



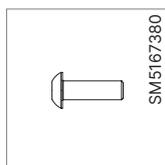
**End caps**

2/2/2/2



**Screw  
M4×10  
7991**

4/4/4/4



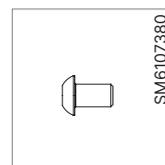
**Screw  
M5×16  
7380**

4/4/4/4



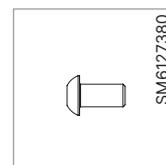
**Washer d5**

4/4/4/4



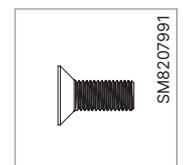
**Screw  
M6×10  
7380**

8/8/8/8



**Screw  
M6×12  
7380**

9/9/9/9



**Screw  
M8×20  
7991**

1/1/1/1

SLIDING DOOR 2024

# MAXIMUM EFFICIENCY.

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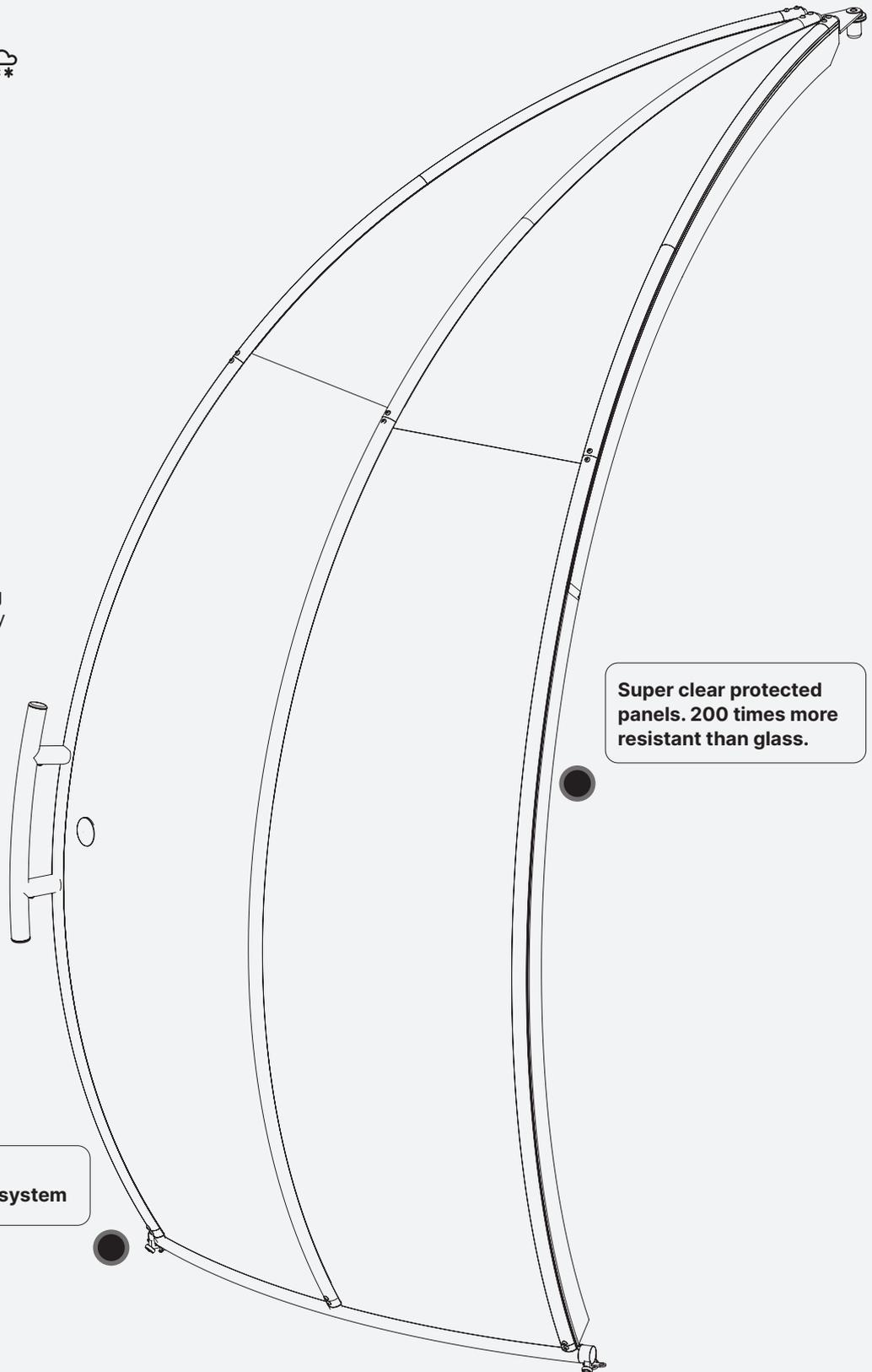
## THIS THE DOOR SLIDES TO THE RIGHT

You can change the sliding direction of the door at any time



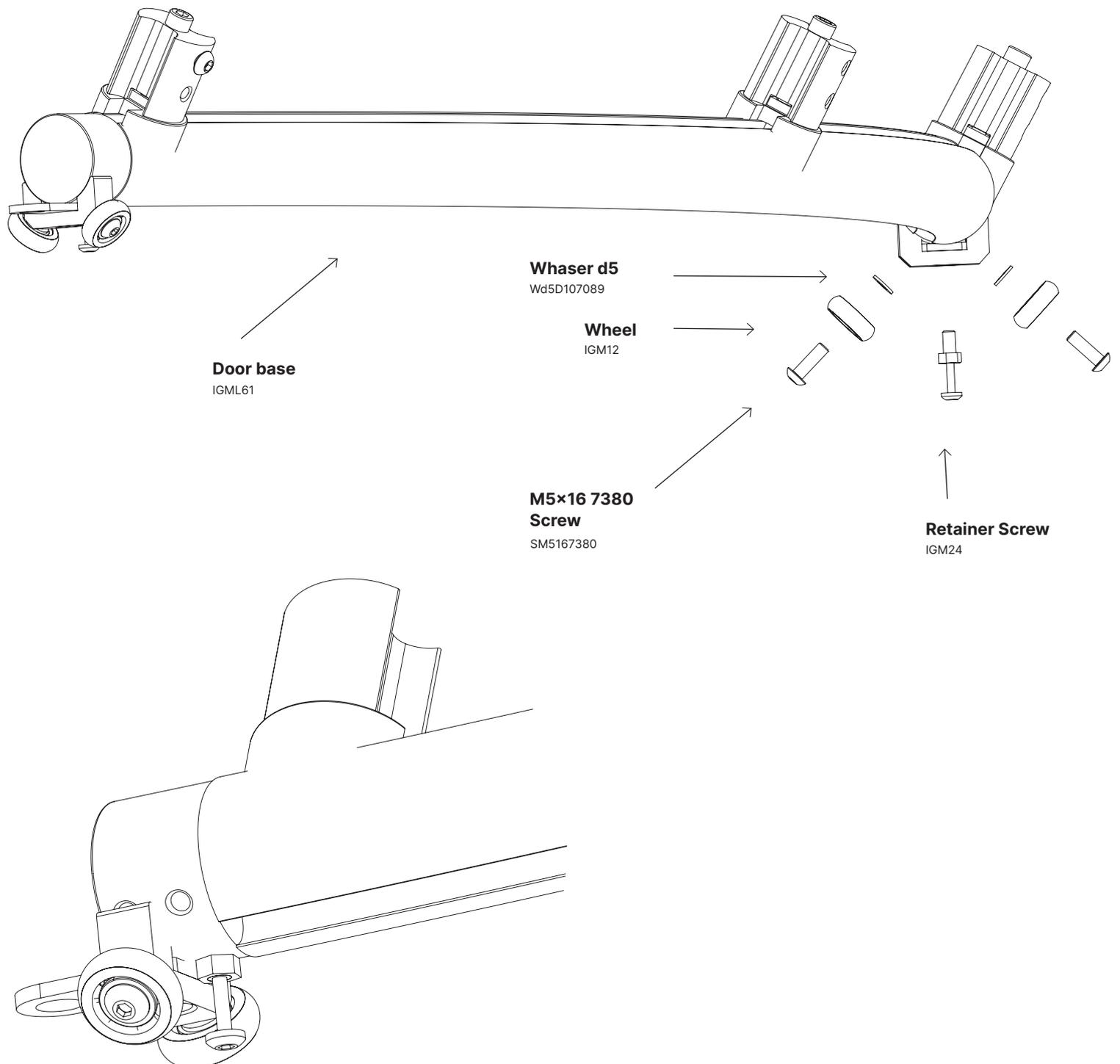
Waterproof  
SKF bearing system

Super clear protected panels. 200 times more resistant than glass.



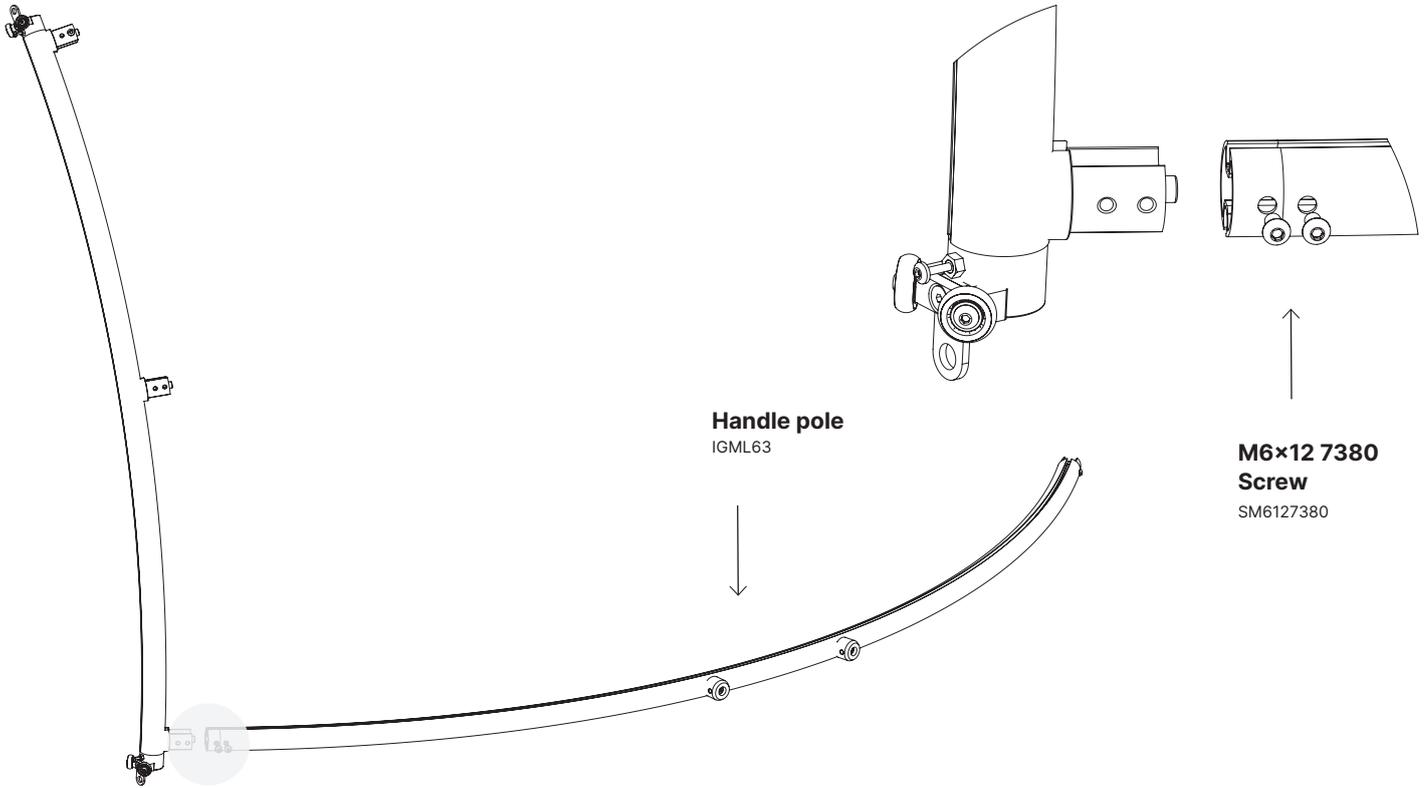
## Installing the door

**Step 1: Attach the wheels and fasten the retainer screws onto the door base**



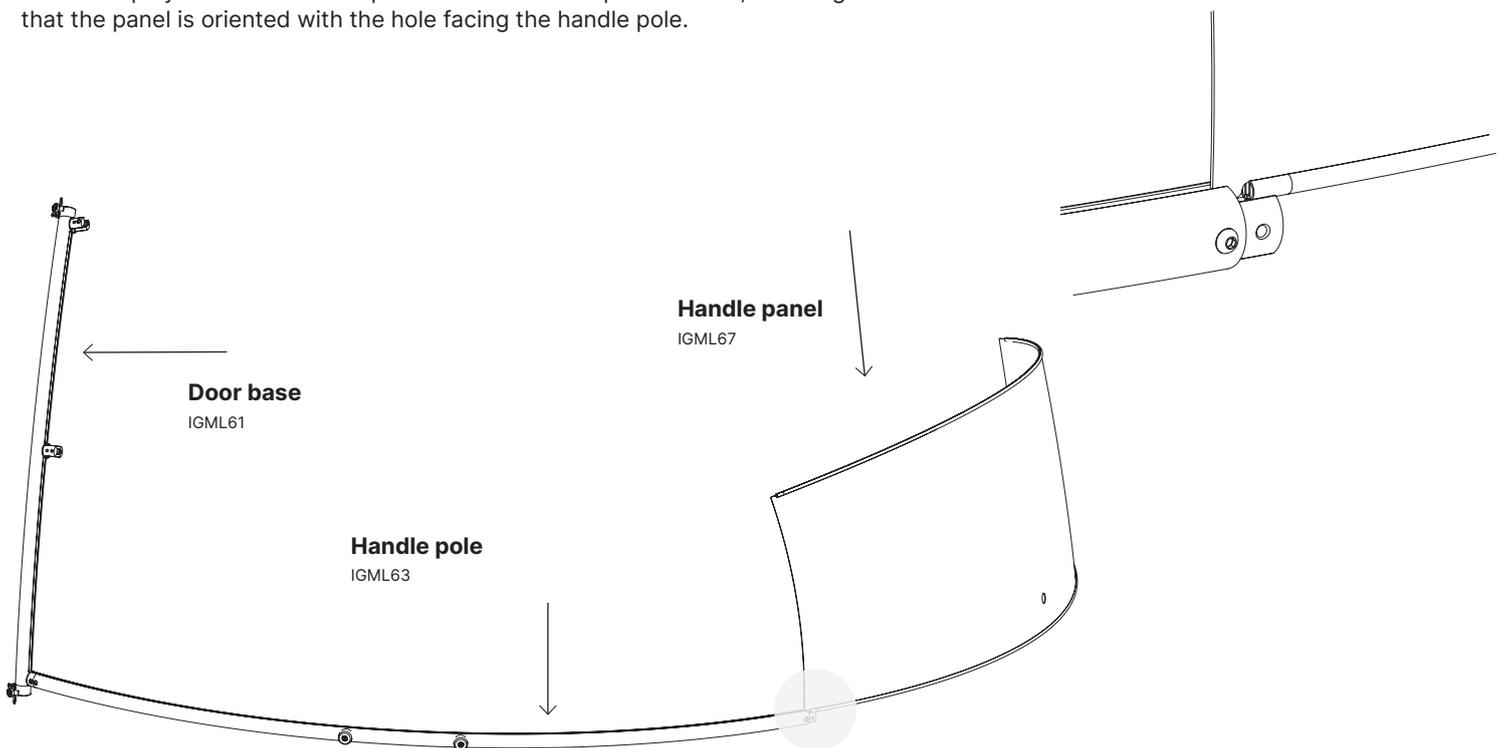
**Step 2: Install the the handle pole**

From this point onward, door installation is simplified if conducted on one side. Begin by positioning the handle pole horizontally, then proceed to mount the door base.



**Step 3: Install the handle polycarbonate panel**

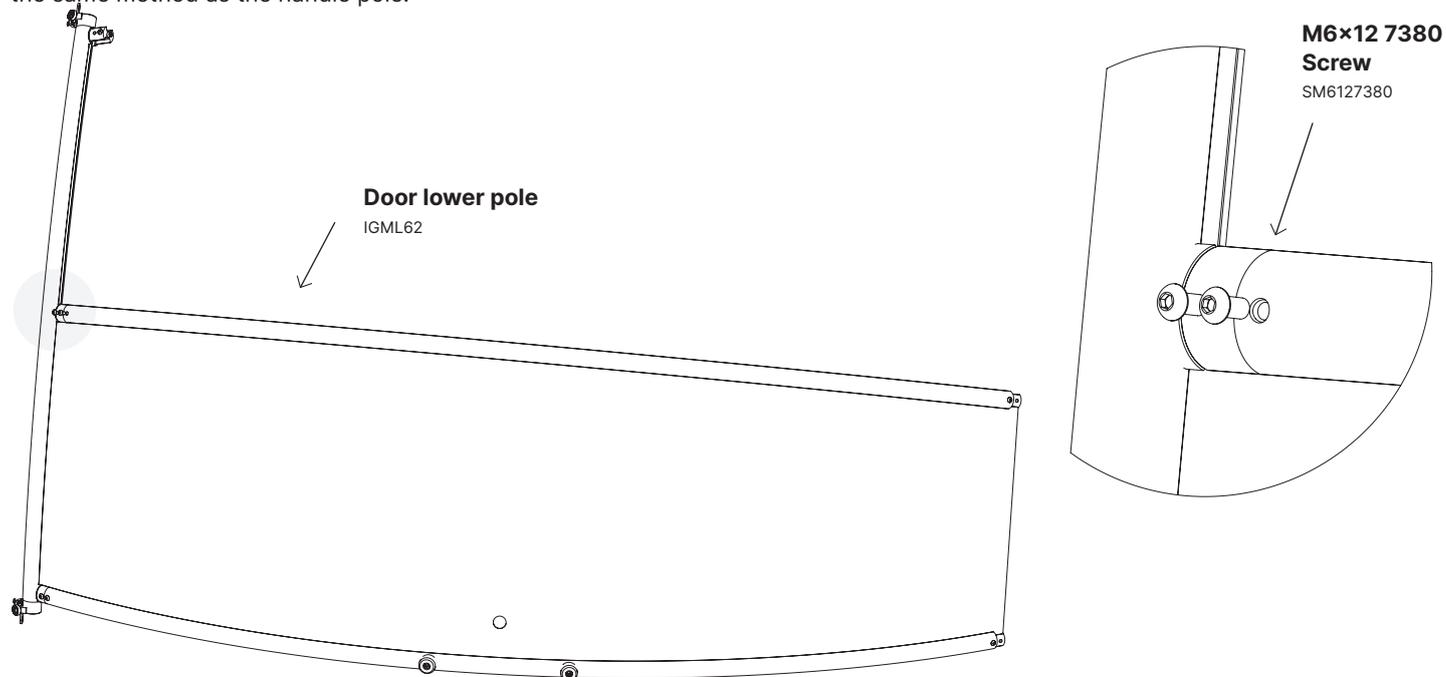
Insert the polycarbonate handle panel into the handle pole channel, ensuring that the panel is oriented with the hole facing the handle pole.



## Installing the door

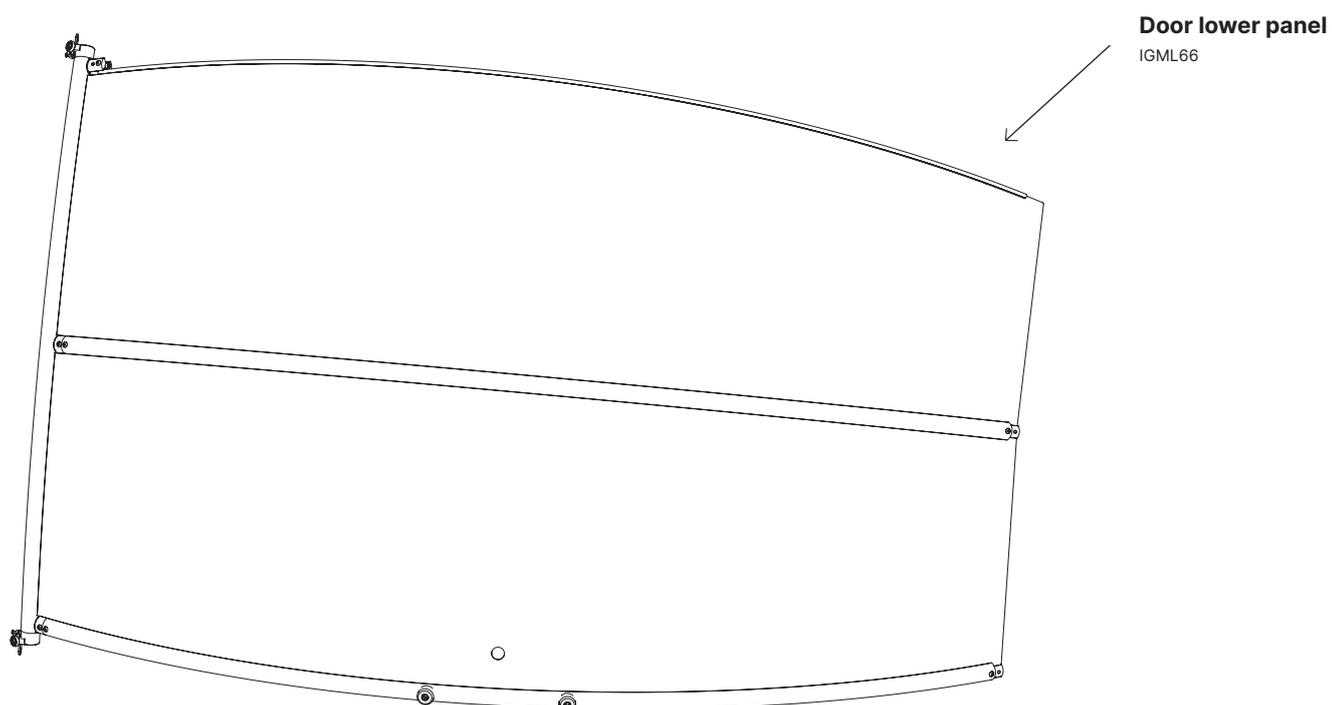
### Step 4: Install the door lower pole

Slide the door lower pole over the polycarbonate panel and secure it at the bottom using the same method as the handle pole.



### Step 5: Install the door lower panel

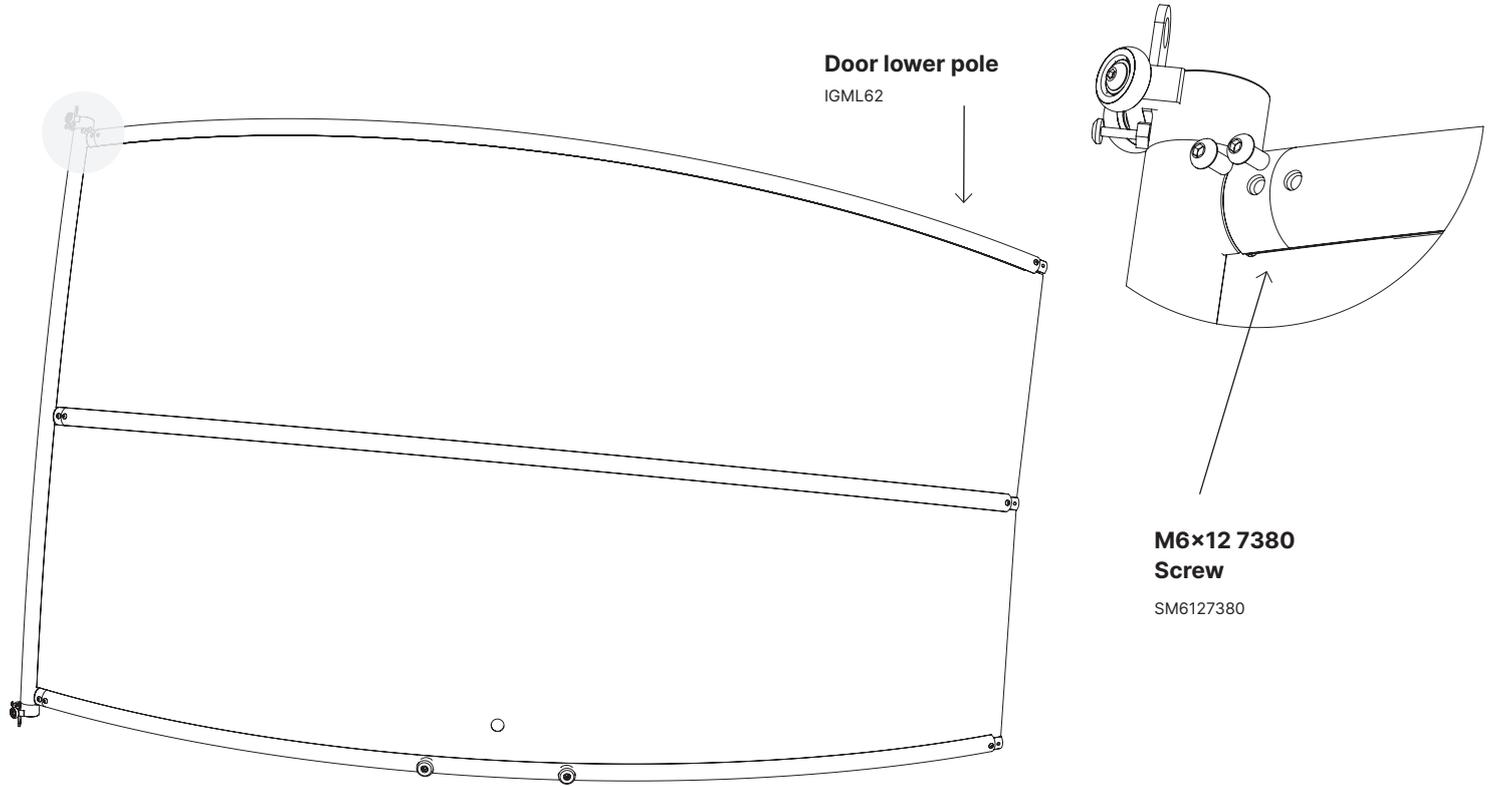
Continue the installation process in the same manner as the previous panel.



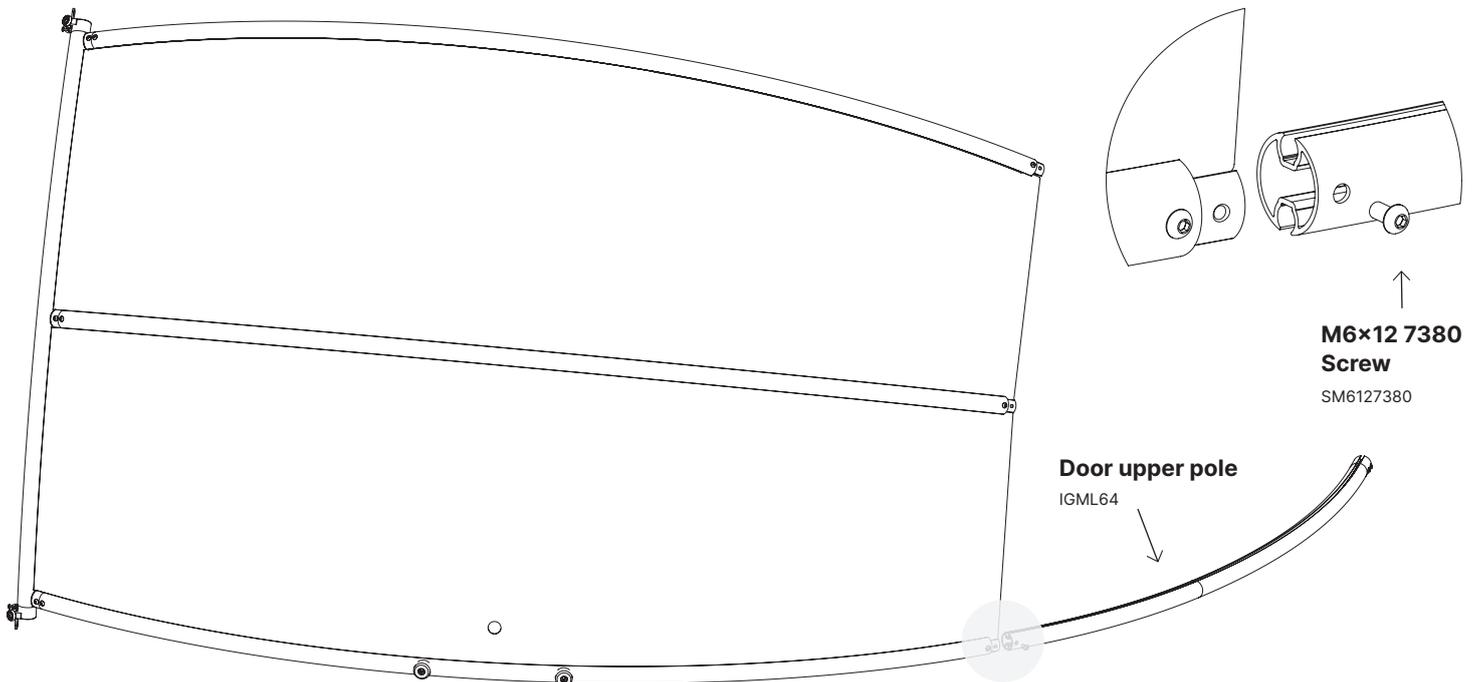
## Installing the door

### Step 6: Install the second lower pole

Install the door lower pole using the same method as the previous pole.

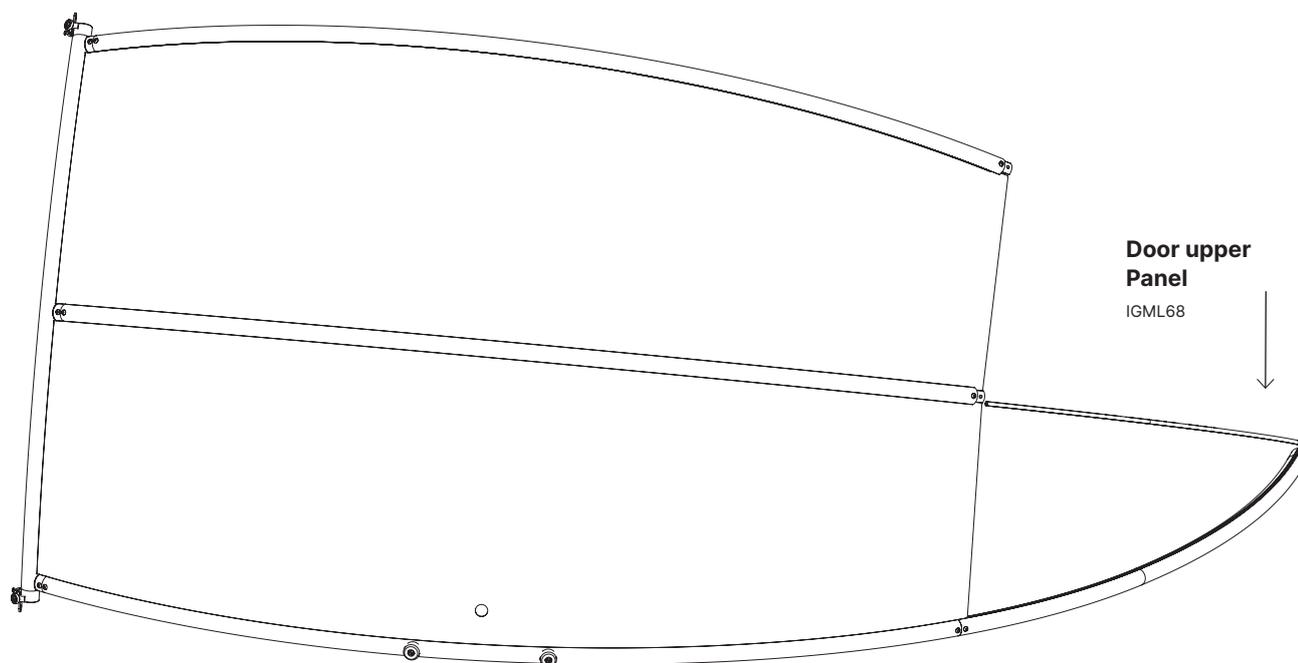


### Step 7: Install the first door upper pole

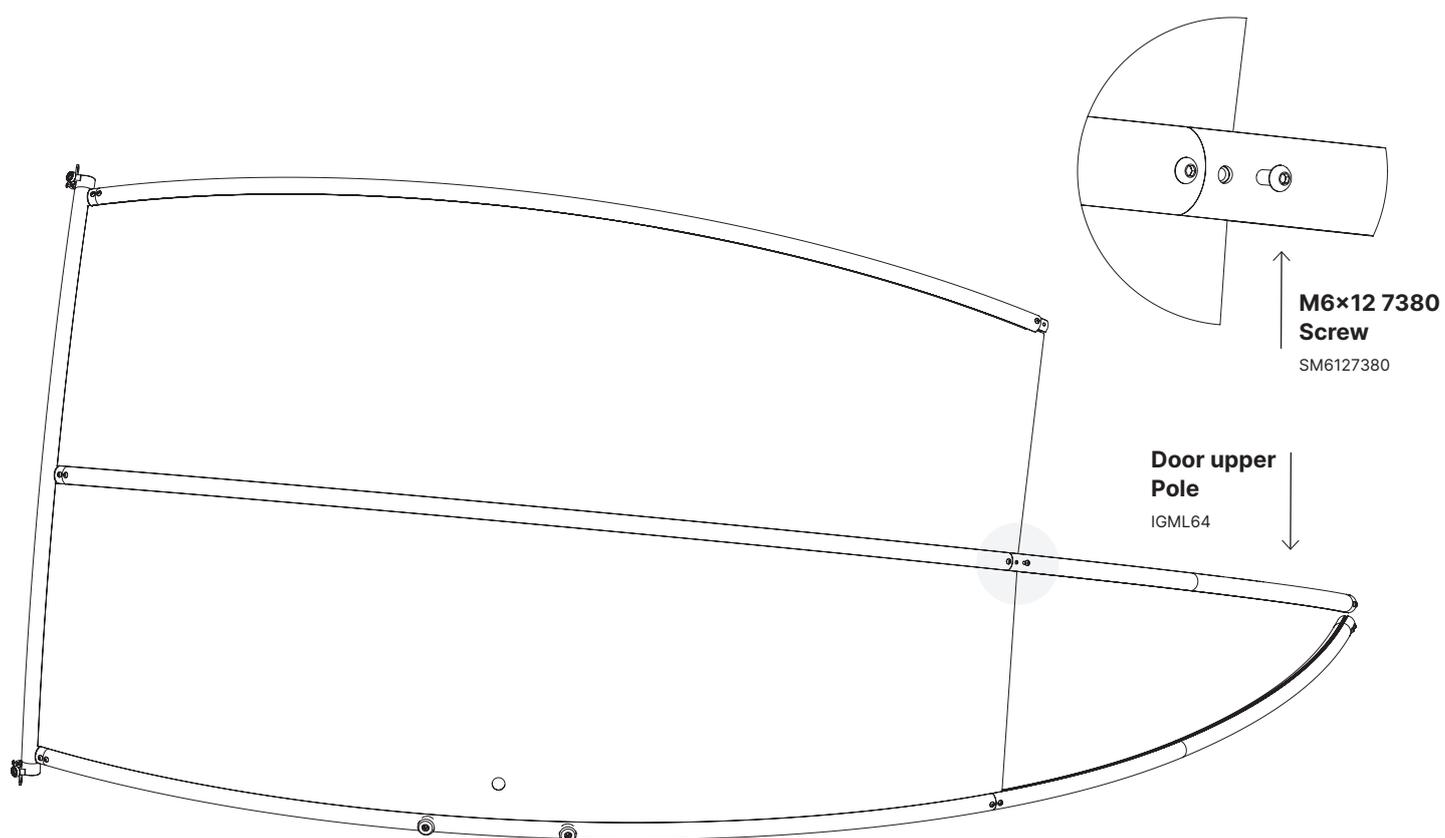


## Installing the door

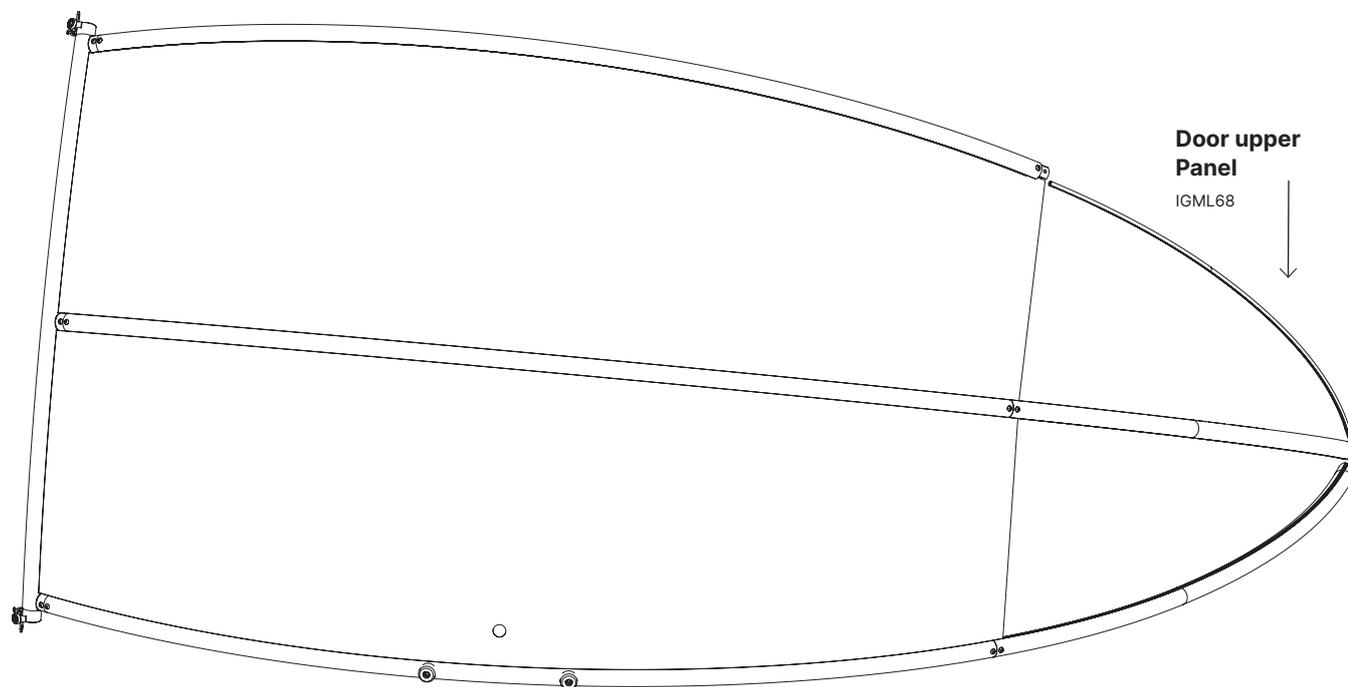
### Step 8: Install the first door upper panel



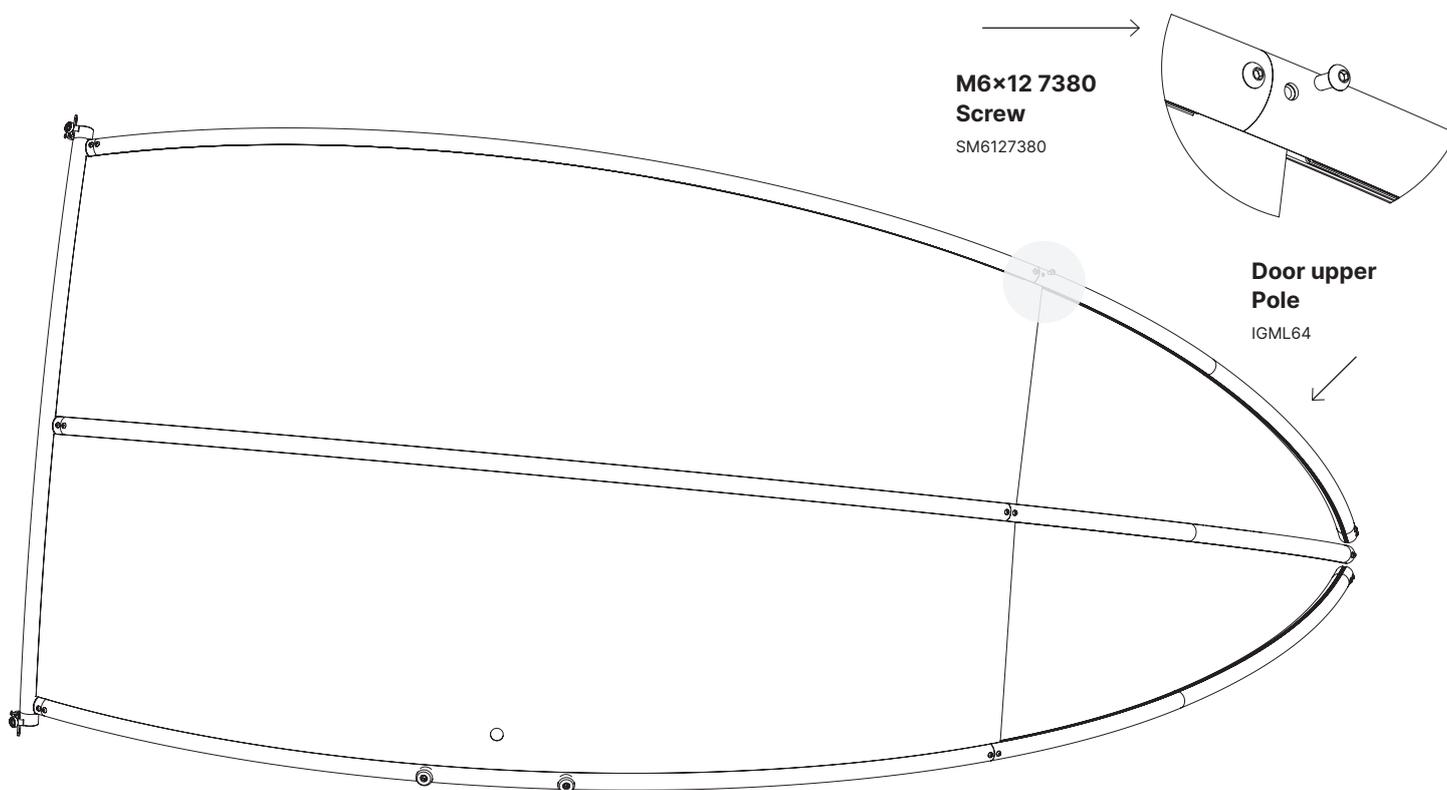
### Step 9: Install the second door upper pole



**Step 10: Install the last door upper panel**



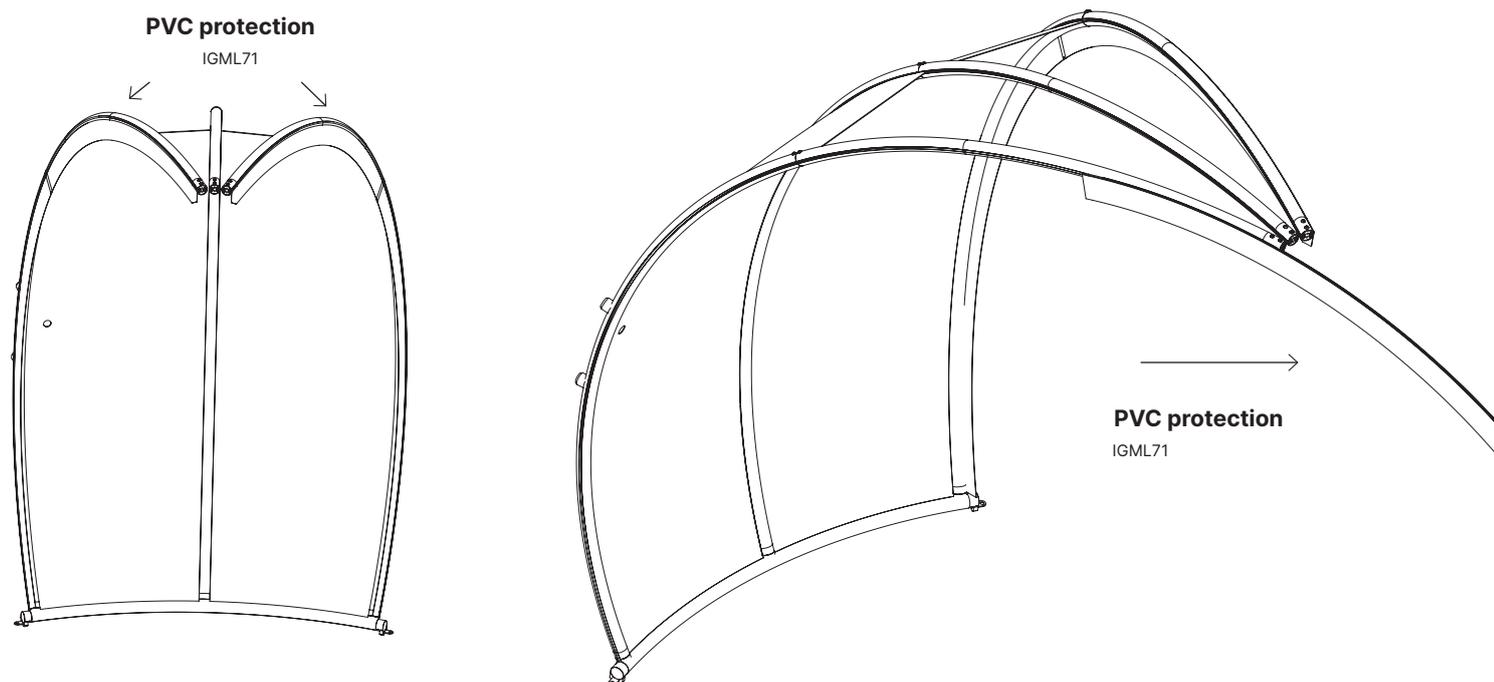
**Step 11: Install the last door upper pole**



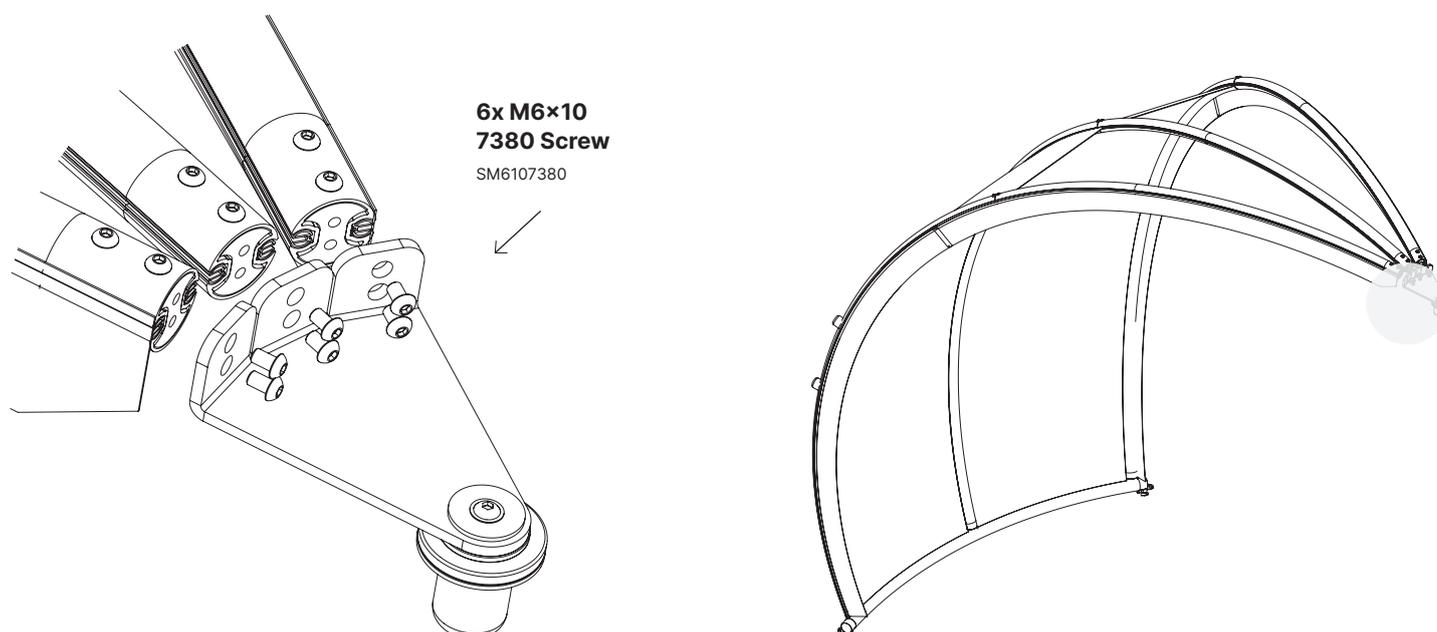
## Installing the door

### Step 12: Install the PVC protection

Place the PVC protection with the straight end into the side channel of the upper pole, pulling it until it reaches the bolt at the door base. Repeat this procedure on the opposite side.



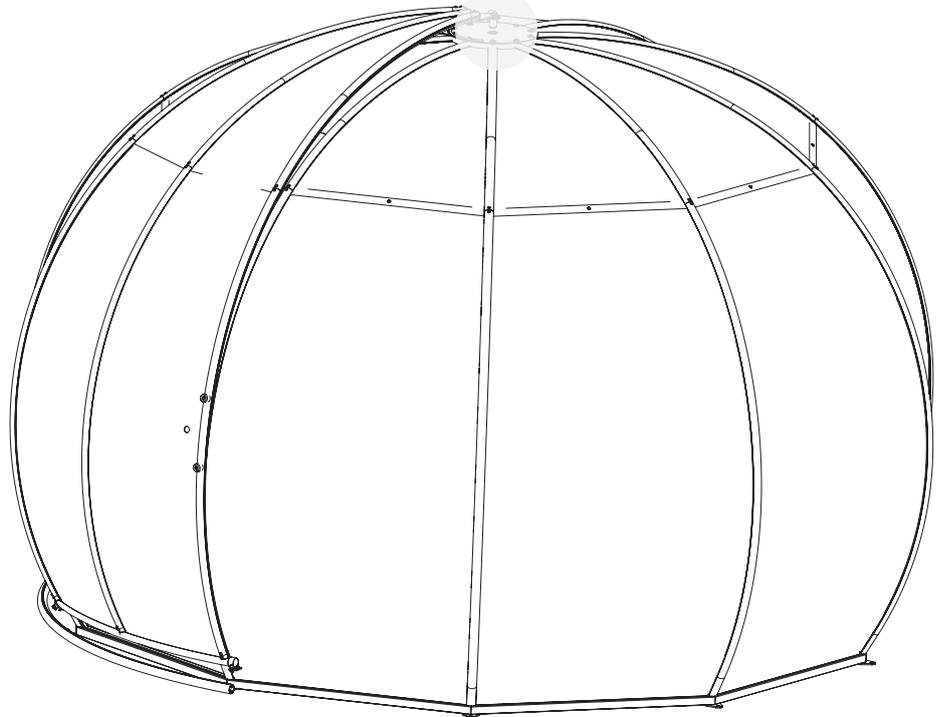
### Step 13: Install the pivoting assembly



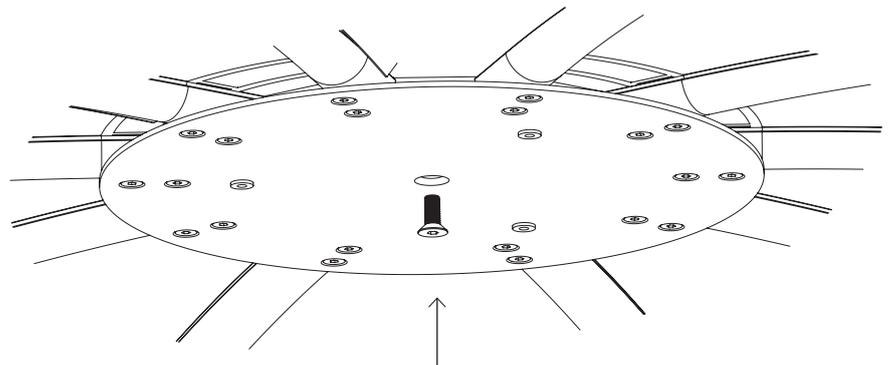
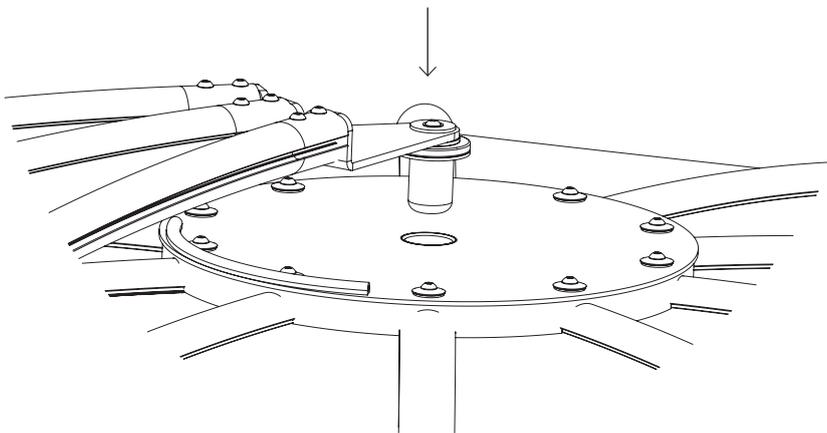
# Mounting the door

## Step 1: Mount the door on the igloo

Place the door onto the igloo and insert the pivoting bolt into the upper plate. Finally, secure the top of the door from inside the igloo.



Fix the pivot



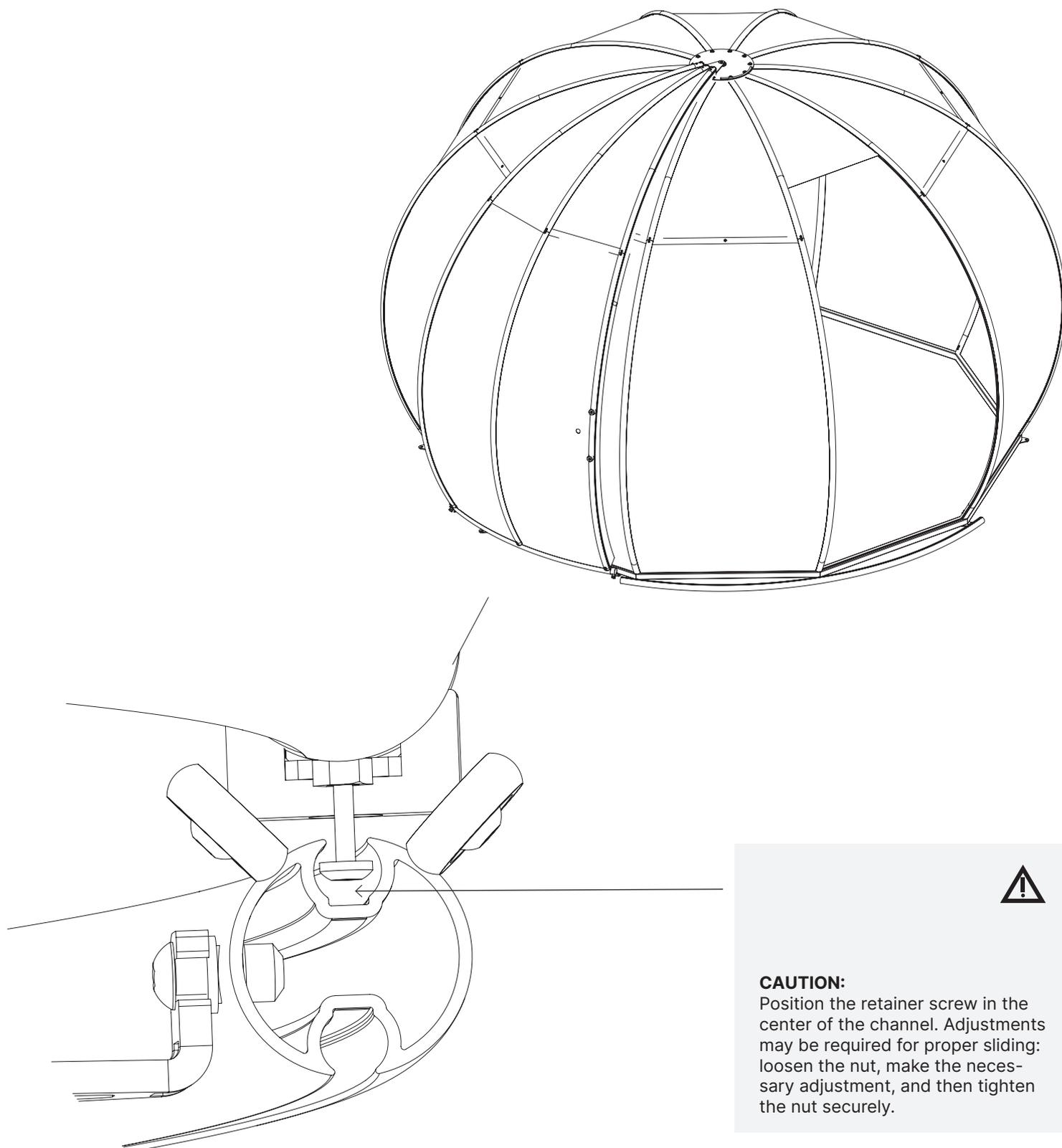
**Screw M8×20 7991**  
SM8207991

Inside view

## Mounting the door

### Step 2: Insert the retainer screw into the rail channel

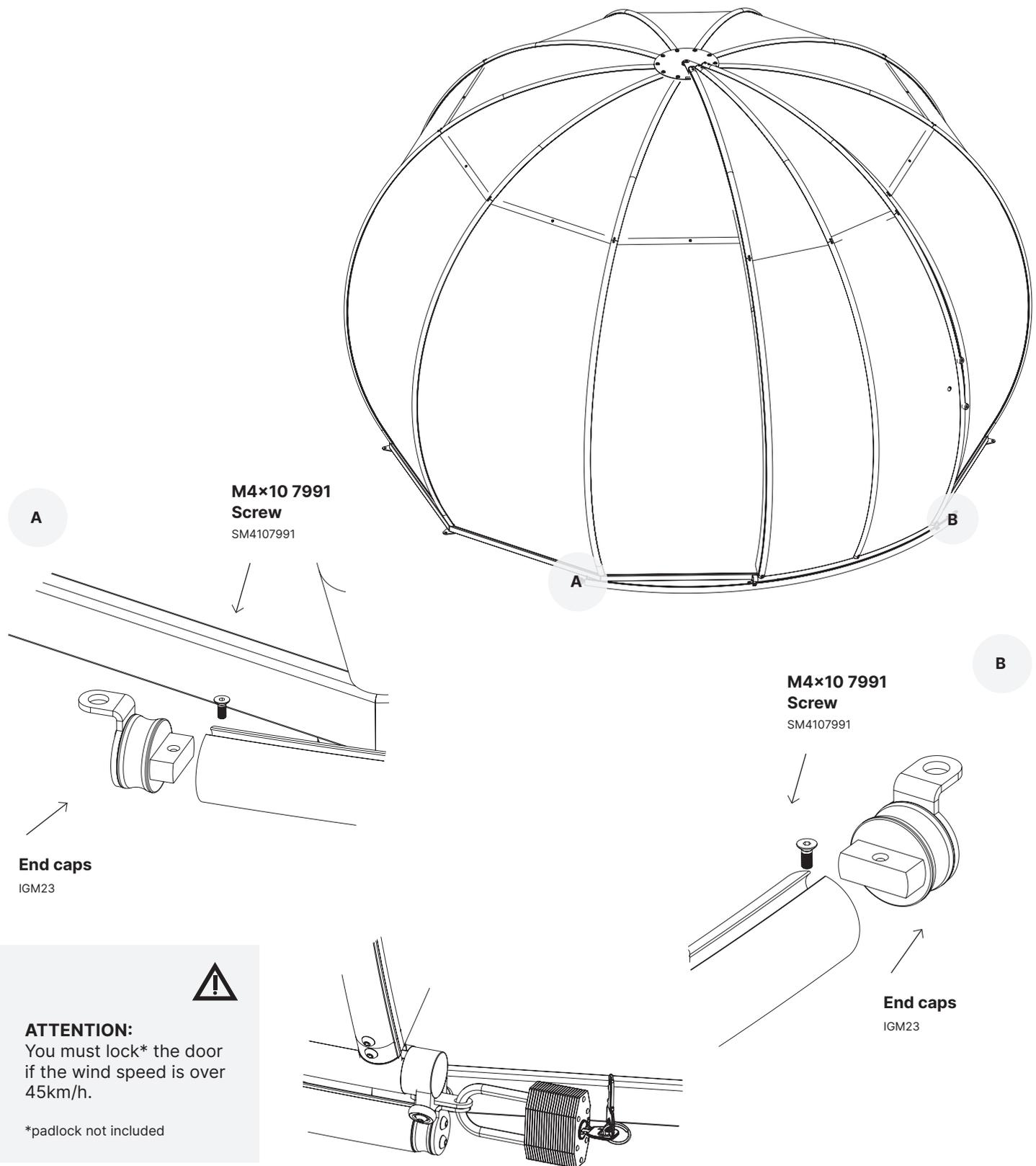
Align the door next to the sliding track, then rotate it to insert the retainer screw into the channel of the track.



**CAUTION:**  
Position the retainer screw in the center of the channel. Adjustments may be required for proper sliding: loosen the nut, make the necessary adjustment, and then tighten the nut securely.

### Step 3: Install the slider end caps

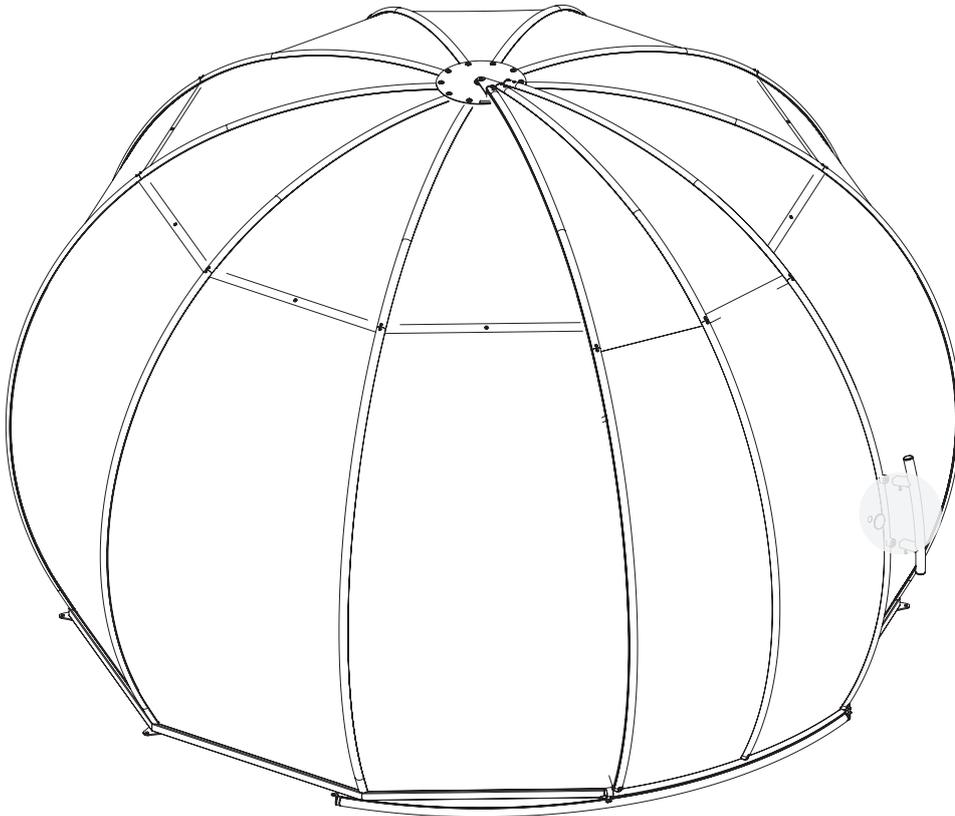
Attach the slider end caps to the rails at both ends.



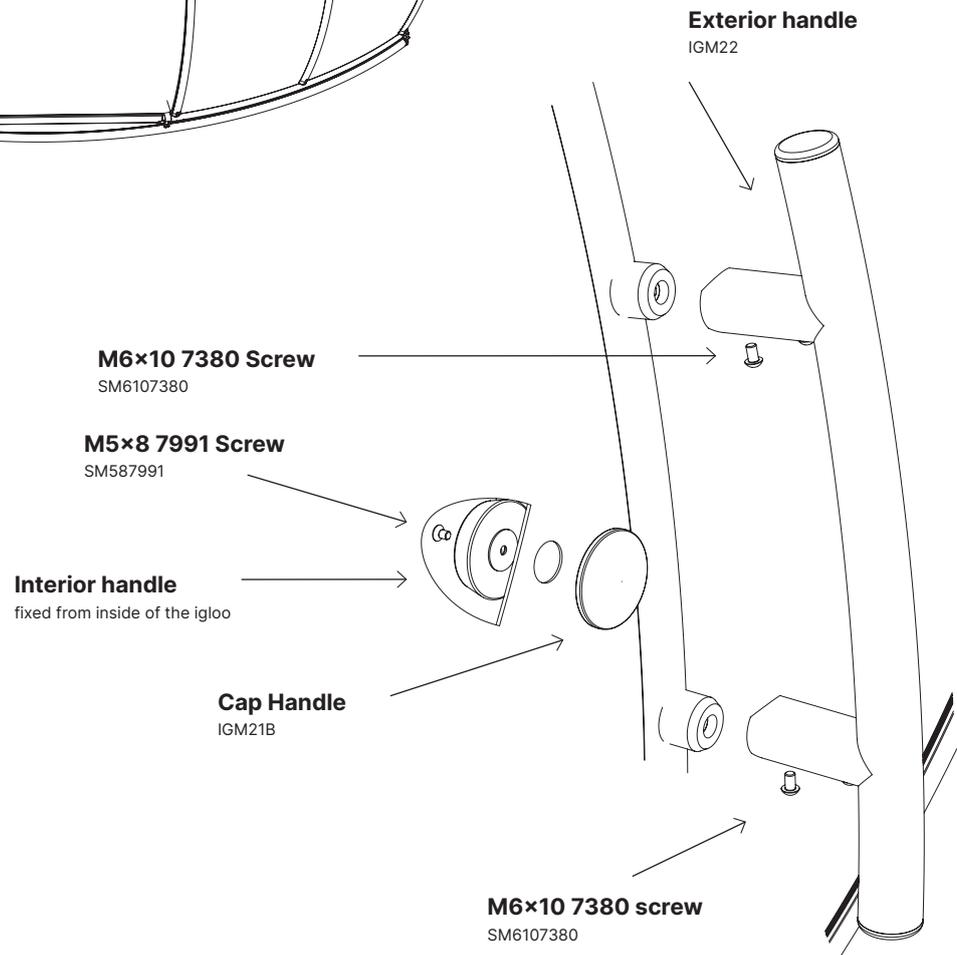
**ATTENTION:**  
You must lock\* the door  
if the wind speed is over  
45km/h.  
  
\*padlock not included

# Mounting the door

## Step 4: Install the interior and exterior handles

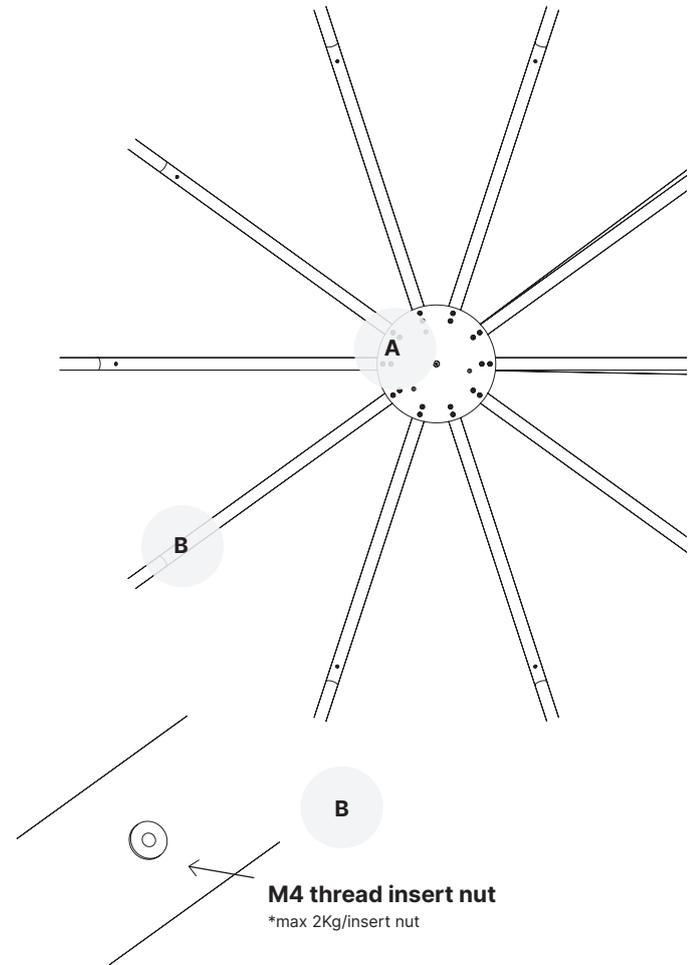
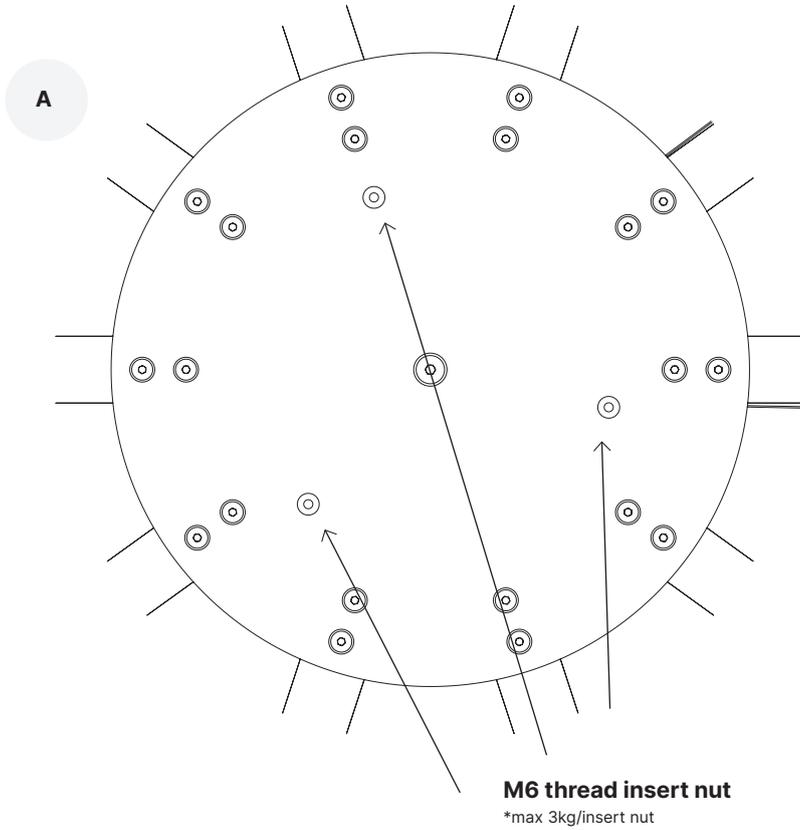


To install the interior handle, begin by disassembling it. Position the cap on the exterior of the igloo, then tighten the handle from the inside using the M5 screw.



## Accessories

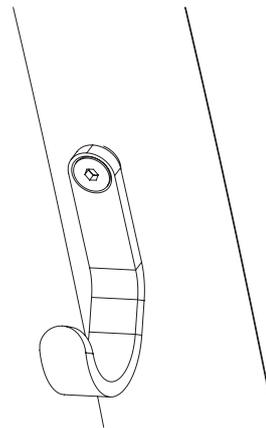
Utilize the M4 and M6 insert nuts to securely fasten your accessories.



## Install the hangers



**Screw M4×10 7991**  
SM4107991



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